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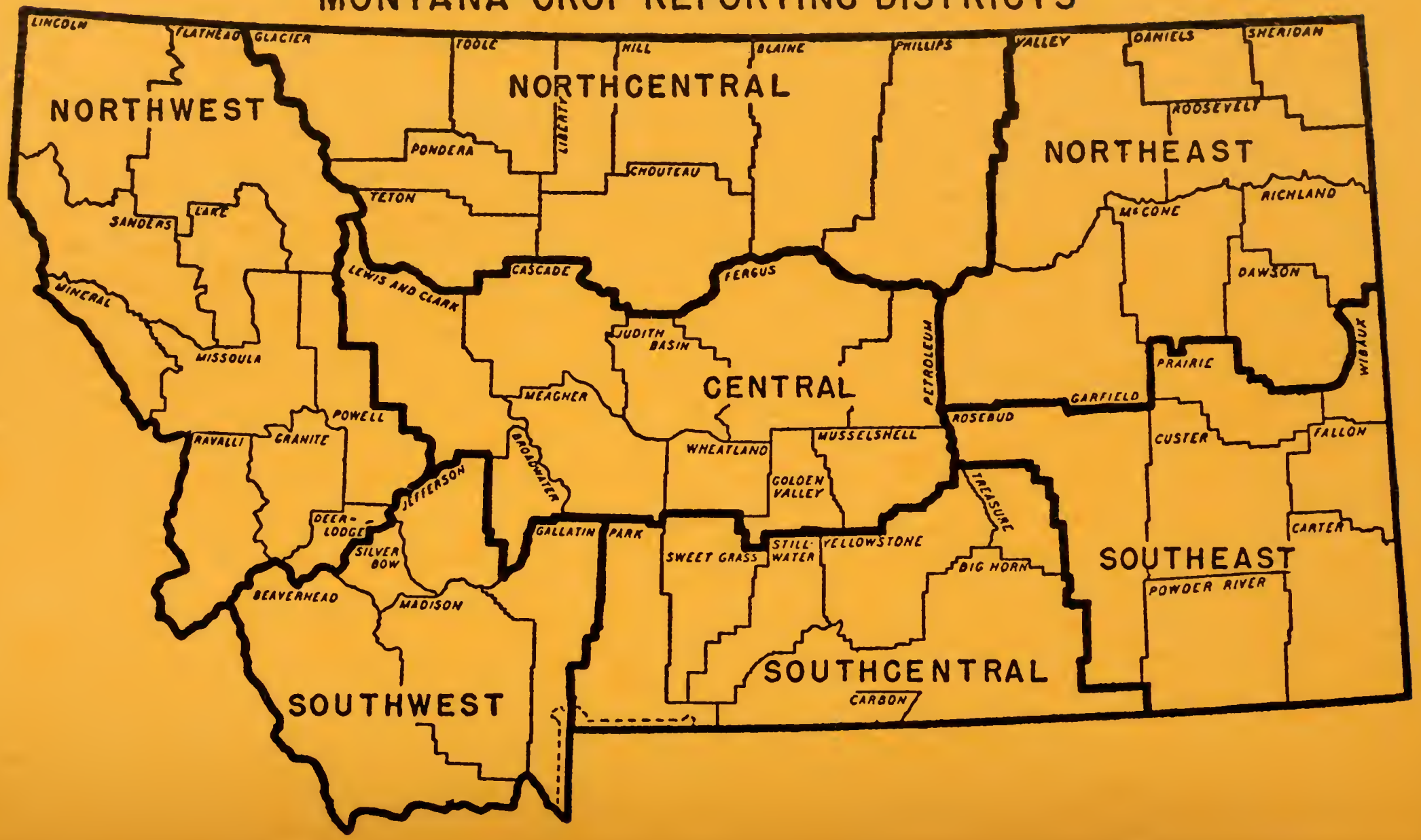

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MONTANA AGRICULTURAL STATISTICS

VOLUME XVII

STATE OF MONTANA

THOMAS L. JUDGE—Governor

MONTANA DEPARTMENT OF AGRICULTURE

W. GORDON McOMBER, Director

Cooperating With

U.S. DEPARTMENT OF AGRICULTURE
ECONOMICS, STATISTICS, & COOPERATIVES SERVICE

KENNETH W. FARRELL, Administrator

WILLIAM E. KIBLER, Deputy Adm. for Statistics

Compiled By

MONTANA CROP AND LIVESTOCK REPORTING SERVICE

DANIEL L. HERBERT, State Statistician

C. R. (BUD) LIES, Assistant State Statistician

OLLIE K. MIRES, Bulletin Coordinator

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State of Montana
Office of The Governor
Helena, 59601

THOMAS L. JUDGE
GOVERNOR

September 5, 1978

TO THE PEOPLE OF THE STATE OF MONTANA:

The information presented in Volume XVII of Montana Agricultural Statistics demonstrates the critical importance of agriculture to the economy of Montana.

This compilation of statistics is intended to provide an objective overview of our food and fiber industry. Information contained in this bulletin will assist all sectors in formulating plans, implementing programs, and reaching decisions that will benefit farmers, ranchers and all Montanans.

I wish to compliment the Montana Department of Agriculture and the Montana Crop and Livestock Reporting Service for a job well done in preparing this statistical accounting.

I hope this information will help you maintain agriculture as the foundation of Montana's economy and our leading industry.

Sincerely,

Thomas L. Judge

THOMAS L. JUDGE
Governor

THOMAS L. JUDGE
GOVERNOR

STATE OF MONTANA
DEPARTMENT OF AGRICULTURE

1300 BLOCK CEDAR STREET
AIRPORT WAY BUILDING WEST
HELENA, MONTANA 59601

TELEPHONE:
AREA CODE 406
449-3144

W. GORDON McOMBER
DIRECTOR

MESSAGE FROM THE DIRECTOR

Agriculture today is not what it used to be. Montana's agricultural industry is a billion dollar business, fifty years ago the total cash receipts from marketing of agricultural products was only $135,000,000. This figure is now equivalent to roughly one fourth of the cash receipts from livestock marketing today.

Over the years technological advancements have contributed significantly to the successes in agriculture. Let me cite some examples: production yields have increased around 100% since the early nineteen hundreds for wheat; the farmer today can complete his field work in a fraction of the time that the same amount of work took before the gasoline engine, when we relied on horses, as the primary source of power.

Exports have become a large consumer of our agricultural production, while in the early stages of development we were our own major consumer. Today nearly 60% of our wheat production enters the export market.

The data contained in this publication presents a very good statistical picture of Montana's modern agricultural industry. The decisions that have led us to our present day success in our agricultural industry could not have been made without accurate statistical data. For this reason I am pleased to present, Montana Agricultural Statistics, Volume XVII.

Sincerely,

W. Gordon McOmber

W. Gordon McOmber
Director

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FOREWORD

The statistics in this bulletin provide a measure of the size and health of Montana's major economic force, agriculture. In 1977 the State's farms and ranches contributed 957 million dollars to the economy, identifying agriculture as the largest single industry in the State. However, agriculture's proportion of the State's economic pie has declined some in recent years because of unfavorable prices.

The Economics, Statistics, & Cooperatives Service, USDA, and the Montana Department of Agriculture, cooperating as the "Montana Crop and Livestock Reportng Service", collect and publish a comprehensive array of agricultural statistics. These are published currently throughout the year; and are combined with special county data for this biennial bulletin.

Most of the basic information is obtained by sample surveys of farmers and ranchers. Supplemental information is also acquired from many agri-business firms. A number of State, Federal and local governmental agencies also contribute toward the development of these statistics. OUR SINCERE APPRECIATION TO ALL OF THE PUBLIC SPIRITED PERSONS AND FIRMS WHO HAVE HELPED.

Special statistics on wheat—varieties, stocks by class, movement, utilization; and barley for malt, were funded by the Montana Wheat Research and Marketing Committee. Data on barley varieties were funded by the National Malting Barley Improvement Association.

This issue of "Montana Agricultural Statistics" includes revisions of some State statistics and revised levels of county statistics based on the 1974 Census of Agriculture.

Earlier issues of biennial bulletins are available on a limited basis for historical county statistics. In mid-1978 a special historical bulletin was published and is available, showing State-level statistics back to 1867.

COPIES OF THE CURRENT PUBLICATION, EARLIER ISSUES, AND THE HISTORICAL BULLETIN ARE AVAILABLE FROM:

Montana Crop & Livestock Reporting Service
P.O. Box 4369 — Helena, Montana 59601

or

Montana Department of Agriculture
Scott Hart Bldg. — Helena, Montana 59601

Daniel L. Herbert,
State Statistician

Charles M. Russell Sketch
courtesy
Montana Historical Society

THE STAGE DRIVER (1901)—Dressed in buffalo coat against the bitter cold and equipped with gauntlets and indispensable long-handled whip, this was an essential man of western travel before the coming of the railroads.

MONTANA CROPS AND LIVESTOCK — 1976

Montana experienced a very dry and windy winter. Winter wheat plants were covered with blown dirt in localities of the northcentral part of the State—the main winter wheat area. However, ample subsoil moisture sustained the plants and when timely rains came in April, a good recovery occurred. Spring moisture was plentiful and both fall and spring-planted crops got off to a good start. Dryness returned to the northcentral area of the State in June and much of the southern part became dry during midsummer. Sugarbeets which were planted late due to contract negotiations especially benefited from warm weather and ample irrigation water. Harvest weather was nearly ideal and crops were taken off ahead of normal. In spite of the localized dryness, crop yields approached record highs in most locations of the State. The lack of precipitation aided harvesting but hampered winter wheat seeding. The early seedings came up well but later-planted fields were spotty. Winter wheat entered the winter in generally fair to good condition.

Livestock wintered well during the early months of 1976 and calving and lambing losses were less than normal due to the favorable weather conditions. Range grasses developed normally except for some drier areas of the northcentral and northeastern parts of the State and range feed supplies remained adequate throughout the summer. Grazing on late summer and fall ranges was generally good, with feed supplies adequate for the subsequent winter feeding season.

MONTANA CROPS AND LIVESTOCK — 1977

The winter months, although dry and with limited snowcover in many areas, were spared from damaging winds. March brought welcome moisture in most areas except the northeastern counties. The 1977 crop season was plagued with dryness that was partially relieved by timely but spotty rainfall. The southwestern part of the State was an exception to this, as generally it had adequate moisture for most of the crop year. Spring seeding was generally ahead of schedule but finally became delayed as farmers waited for moisture. Good rains fell around the middle of May, which relieved dryness in most areas. The dryland crops were sustained during the season by spotty showers that bypassed some areas all season. This resulted in extremely varied patterns of crop development. Irrigation water supplies were also very short but most farmers were able to get by with better management and efficient use of irrigation water. Hay and pastures suffered the most from irrigation shortages. Harvest of winter wheat started ahead of normal and harvest of spring grains got off to an early start but final wrapup was delayed by September showers. Harvest of late-season crops was also delayed but by the end of October most potatoes and sugarbeets had been dug. Winter wheat seeding started the last week of August and was about complete by the first week of October. Winter wheat entered the winter season in mostly good condition.

The relatively mild winter in early 1977 was good for livestock and grazing was generally open over the State. Conditions for calving and lambing were good and losses were light. Spring range growth was abnormally slow due to dry conditions that prevailed during the spring and stockwater shortages were common in all parts of the State. Summer range feed supplies were shorter than normal in all areas except the southwestern part of the State. Some ranchers grazed hayfields because of range shortages. The poor range growth over most of the State necessitated an earlier than normal movement from summer ranges. Cow and calf marketings were generally above average but ewe and lamb marketings were about average. Ranges were in poor condition going into the winter. Hay supplies for the 1978 winter feeding season were short to adequate in eastern Montana but generally adequate elsewhere.

MONTANA POPULATION

Urban and Rural — by Counties

COUNTY	U.S. Census (Prov.) July 1 1976	U.S. CENSUS — APRIL 1, 1970					
			URBAN		RURAL		
		Total Population	Total Urban[1]	Percent of Total	Total Rural	Places of 1,000 to 25,000	Other Rural
Beaverhead	8,200	8,187	4,548	55.6	3,639	--	3,639
Big Horn	10,600	10,057	2,733	27.2	7,324	--	7,324
Blaine	7,400	6,727	--	--	6,727	2,907	3,820
Broadwater	3,100	2,526	--	--	2,526	1,371	1,155
Carbon	8,300	7,080	--	--	7,080	1,844	5,236
Carter	1,800	1,956	--	--	1,956	--	1,956
Cascade	83,600	81,804	70,905	86.7	10,899	--	10,899
Chouteau	6,200	6,473	--	--	6,473	1,863	4,610
Custer	13,000	12,174	9,023	74.1	3,151	--	3,151
Daniels	3,200	3,083	--	--	3,083	1,486	1,597
Dawson	11,200	11,269	6,305	55.9	4,964	--	4,964
Deer Lodge	14,600	15,652	9,771	62.4	5,881	--	5,881
Fallon	3,900	4,050	2,584	63.8	1,466	--	1,466
Fergus	13,000	12,611	6,437	51.0	6,174	--	6,174
Flathead	45,400	39,460	16,527	41.9	22,933	--	22,933
Gallatin	37,400	32,505	18,670	57.4	13,835	2,495	11,340
Garfield	1,800	1,796	--	--	1,796	--	1,796
Glacier	10,900	10,783	4,004	37.1	6,779	1,700	5,079
Golden Valley	1,000	931	--	--	931	--	931
Granite	2,700	2,737	--	--	2,737	1,128	1,609
Hill	18,100	17,358	10,558	60.8	6,800	1,073	5,727
Jefferson	6,900	5,238	--	--	5,238	2,377	2,861
Judith Basin	2,700	2,667	--	--	2,667	--	2,667
Lake	17,400	14,445	--	--	14,445	3,811	10,634
Lewis & Clark	38,000	33,281	22,730	68.3	10,551	1,651	8,900
Liberty	2,500	2,359	--	--	2,359	--	2,359
Lincoln	16,400	18,063	3,286	18.2	14,777	2,241	12,536
McCone	2,700	2,875	--	--	2,875	--	2,875
Madison	5,400	5,014	--	--	5,014	--	5,014
Meagher	2,200	3,122	--	--	2,122	1,200	922
Mineral	3,500	2,958	--	--	2,958	--	2,958
Missoula	65,500	58,263	43,531	74.7	14,732	1,492	13,240
Musselshell	4,400	3,734	--	--	3,734	2,116	1,618
Park	12,600	11,197	6,883	61.5	4,314	--	4,314
Petroleum	700	675	--	--	675	--	675
Phillips	5,500	5,386	--	--	5,386	2,195	3,191
Pondera	7,000	6,611	2,770	41.9	3,841	--	3,841
Powder River	2,500	2,862	--	--	2,862	--	2,862
Powell	7,600	6,660	4,306	64.7	2,354	--	2,354
Prairie	1,700	1,752	--	--	1,752	--	1,752
Ravalli	18,500	14,409	--	--	14,409	2,499	11,910
Richland	10,300	9,837	4,543	46.2	5,294	--	5,294
Roosevelt	10,500	10,365	3,095	29.9	7,270	1,389	5,881
Rosebud	9,900	6,032	--	--	6,032	1,873	4,159
Sanders	8,000	7,093	--	--	7,093	2,402	4,691
Sheridan	5,500	5,779	--	--	5,779	2,381	3,398
Silver Bow	41,100	41,981	34,005	81.0	7,976	4,465	3,511
Stillwater	5,200	4,632	--	--	4,632	1,173	3,459
Sweet Grass	3,200	2,980	--	--	2,980	1,592	1,388
Teton	6,100	6,116	--	--	6,116	1,586	4,530
Toole	5,300	5,839	3,111	53.3	2,728	--	2,728
Treasure	1,300	1,069	--	--	1,069	--	1,069
Valley	13,400	11,471	4,700	41.0	6,771	--	6,771
Wheatland	2,500	2,529	--	--	2,529	1,375	1,154
Wibaux	1,500	1,465	--	--	1,465	--	1,465
Yellowstone	99,600	87,367	75,651	86.6	11,716	--	11,716
Yellowstone Natl. Pk.	100	64	--	--	64	--	64
State Total	752,600	694,409	370,676	53.4	323,733	53,685	270,048

[1]Urban defined as persons living in areas or places of 2,500 inhabitants or more.

MONTANA FARM POPULATION vs. TOTAL POPULATION, 1920-70[1]

Year	Total Population	Farm Population	
		Number	% of Total
1920	546,000	228,000	41.8
1930	538,000	205,000	38.1
1940	560,000	176,000	31.4
1950	591,000	136,000	23.0
1960	675,000	115,000	17.0
1970	694,000	90,000	13.0

[1]"Farm Population Estimate" Rural Development Service, USDA Statistical Bulletin 523.

MONTANA'S RANK IN THE NATION'S AGRICULTURE

Item	Unit	Period or Date	Rank
Acres in strip cropping	4,489,260 acres	1969 Census	1
Land in farms and ranches	62,100,000 acres	1978	2
Income from Cash Receipts, excluding Government payments			
Total	957,152,000 dollars	1977	33
Crops	443,364,000 dollars	1977	34
Livestock	513,788,000 dollars	1977	28

LIVESTOCK AND LIVESTOCK PRODUCTS

All cattle and calves	2,570,000 head	Jan. 1, 1978	15
All cows	1,365,000 head	Jan. 1, 1978	13
Milk cows	27,000 head	Jan. 1, 1978	44
Beef cows	1,338,000 head	Jan. 1, 1978	8
Cattle on feed	81,000 head	Jan. 1, 1978	21
Hogs and pigs	211,000 head	Dec. 1, 1977	27
Sheep and lambs	530,000 head	Jan. 1, 1978	8
Wool production	4,462,000 pounds	1977	8
All chickens	985,000 birds	Dec. 1, 1977	41
Honey production	5,472,000 pounds	1977	13

CROPS (PRODUCTION)

All wheat	130,920,000 bushels	1977	5
Winter wheat	81,200,000 bushels	1977	6
Durum wheat	4,840,000 bushels	1977	3
Spring wheat other than durum	44,880,000 bushels	1977	4
All hay	3,907,000 ton	1977	12
Alfalfa hay	2,516,000 ton	1977	10
Dry beans	104,000 cwt.	1977	12
Barley	55,480,000 bushels	1977	2
Oats	5,600,000 bushels	1977	17
Flax	35,000 bushels	1977	5
Potatoes	2,016,000 cwt.	1977	20
Sugarbeets	896,000 ton	1977	10

NUMBER OF FARMS 1910-1978
ALL LAND IN FARMS — AND AVERAGE SIZE OF FARMS 1950-1978

Number of Farms — 1910-1949

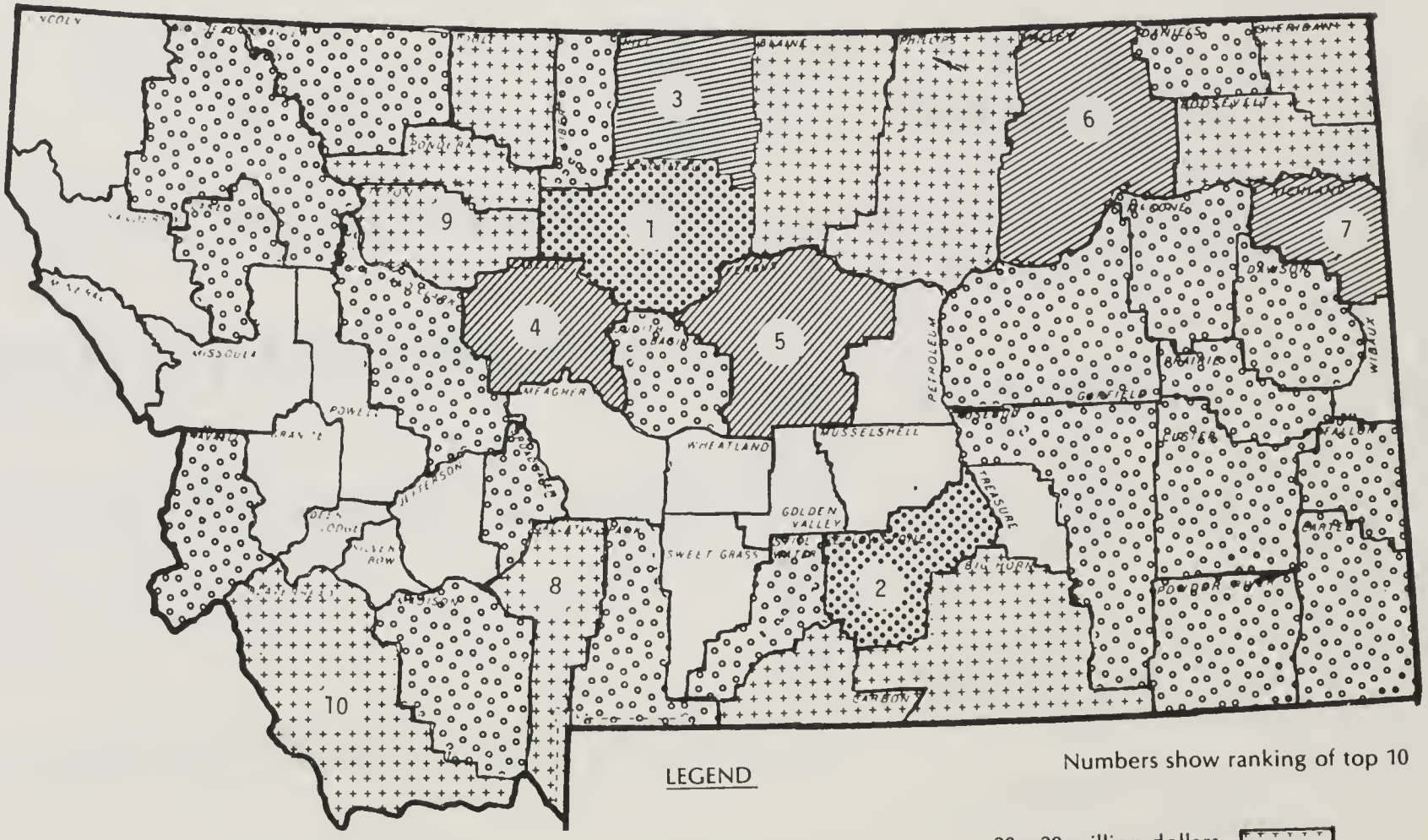
Year	Number of Farms	Year	Number of Farms	Year	Number of Farms	Year	Number of Farms
	Thous.		Thous.		Thous.		Thous.
1910	28.8	1920	57.7	1930	55.0	1940	44.5
1911	31.5	1921	57.0	1931	54.5	1941	42.0
1912	34.0	1922	55.0	1932	54.0	1942	41.0
1913	37.0	1923	52.5	1933	53.5	1943	40.8
1914	40.0	1924	51.0	1934	53.0	1944	40.6
1915	45.0	1925	50.0	1935	52.0	1945	40.4
1916	50.0	1926	51.0	1936	50.0	1946	39.8
1917	54.0	1927	52.5	1937	48.0	1947	39.2
1918	56.0	1928	53.5	1938	46.0	1948	38.5
1919	57.0	1929	54.0	1939	45.0	1949	37.8

Number of farms, all land in farms and average size of farm, 1950-1978

Year	Number of Farms	All Land in Farms	Average Size of Farms
	Thous.	Thous. Acres	Acres
1950	37.2	65,000	1,747
1951	36.8	65,200	1,772
1952	36.4	65,500	1,799
1953	35.9	65,800	1,833
1954	35.4	66,100	1,867
1955	34.8	66,100	1,899
1956	34.2	66,200	1,936
1957	33.6	66,300	1,973
1958	33.0	66,500	2,015
1959	32.4	66,600	2,056
1960	31.7	66,700	2,104
1961	30.8	66,800	2,169
1962	30.1	66,800	2,219
1963	29.5	66,800	2,264
1964	28.9	67,200	2,325
1965	28.4	66,700	2,349
1966	28.0	66,200	2,364
1967	27.6	65,700	2,380
1968	27.1	65,200	2,406
1969	26.7	64,700	2,423
1970	26.4	64,200	2,432
1971	26.0	63,700	2,450
1972	25.5	63,200	2,478
1973	25.1	63,000	2,510
1974	24.6	62,800	2,553
1975	24.2	62,600	2,587
1976	23.7	62,400	2,633
1977	23.3	62,300	2,674
1978	22.9	62,100	2,712

CASH RECEIPTS FROM FARM MARKETINGS — 1977

Excluding Government Payments



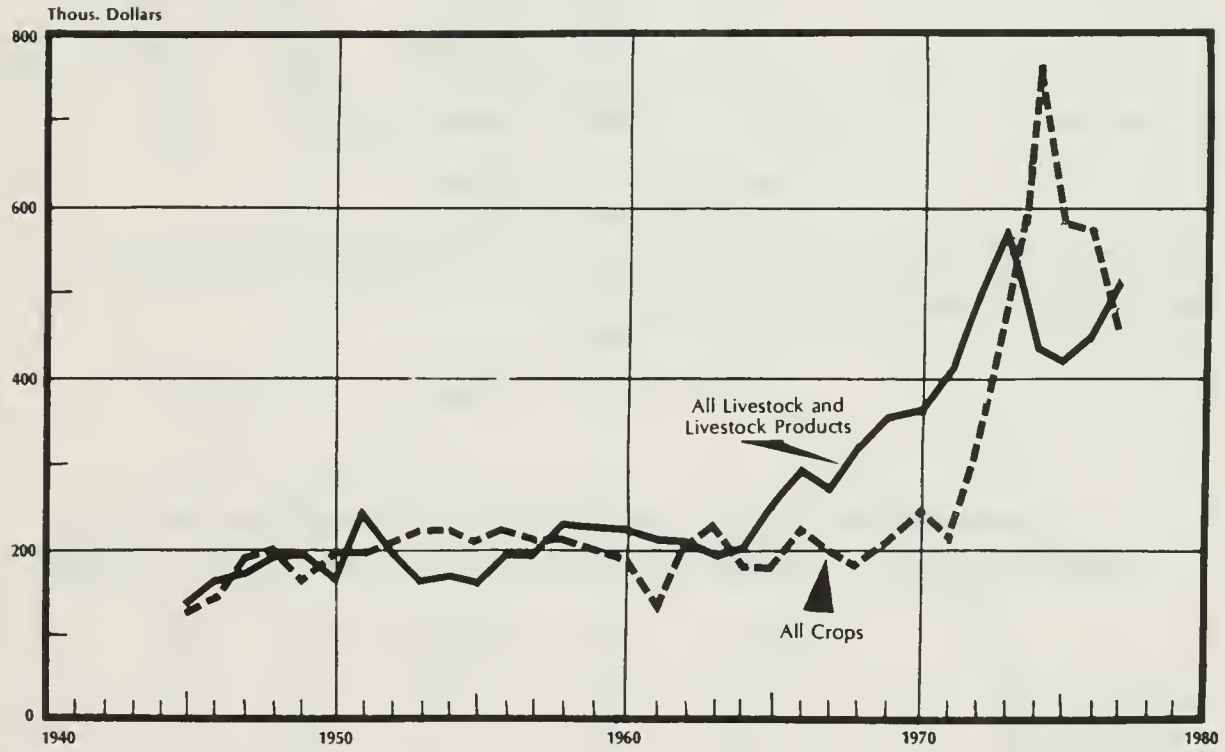
CASH RECEIPTS — 1964-1977

Cash Receipts from the Sale of Principal Farm Products and Government Payments

Year	Livestock and Livestock Products	Crops	Total Receipts from Marketings	Government Payments	Total All Cash Receipts
			Thousand Dollars		
1968	319,493	182,745	502,238	74,129	576,367
1969	350,128	204,735	554,863	80,081	634,944
1970	357,058	246,096	603,145	85,361	688,515
1971	407,393	209,940	617,333	77,789	695,122
1972	495,281	328,465	823,746	103,169	926,915
1973	572,107	554,964	1,127,071	64,990	1,192,061
1974	433,124	720,745	1,153,869	14,998	1,168,867
1975	420,949	587,992	1,008,941	9,350	1,018,291
1976	456,392	582,492	1,038,884	10,497	1,049,381
1977	513,788	443,364	957,152	61,443	1,018,595

CASH RECEIPTS

All Crops, Livestock and Livestock Products 1945-1977



CASH RECEIPTS FROM FARM MARKETINGS BY COMMODITIES 1972-1977[1]

	1972	1973	1974	1975	1976	1977
			Thousand Dollars			
Livestock and Products						
Cattle and calves	431,156	483,171	348,072	339,916	373,307	432,481
Dairy products	17,827	19,126	22,552	22,245	23,653	26,926
Sheep and lambs	11,385	15,474	12,013	10,695	10,381	10,718
Wool	2,975	8,123	4,857	2,693	3,467	3,347
Hogs	20,830	29,120	29,312	28,984	27,575	23,399
Eggs	6,560	10,285	9,157	8,879	8,630	7,886
Chickens	187	349	274	186	288	220
Honey and beeswax	2,404	3,288	3,680	3,709	4,539	3,293
Other[2]	1,957	3,171	3,221	3,642	4,552	5,518
TOTAL	**495,281**	**572,107**	**433,138**	**420,949**	**456,392**	**513,788**
Crops						
Field Crops						
Wheat	225,312	380,638	552,220	446,722	429,583	306,456
Barley	53,341	85,185	89,710	66,771	85,487	62,825
Sugarbeets	14,819	31,347	43,050	25,036	21,683	21,504
Hay	20,494	30,350	34,872	28,017	20,186	28,267
Potatoes	3,647	7,476	14,745	5,856	9,667	6,325
Oats	2,936	5,465	4,558	2,580	3,551	2,606
Dry edible beans	1,028	3,408	2,336	3,425	2,812	2,013
Alfalfa seed	439	1,880	1,926	595	1,229	2,410
Flaxseed	298	712	1,150	302	282	212
Other[3]	2,808	3,830	6,035	3,325	3,078	4,662
Fruits and Berries						
Cherries	597	1,648	859	1,416	1,081	1,301
Other[4]	36	60	28	28	33	33
Other Products						
Forest	1,500	1,700	2,000	2,300	2,000	3,200
Greenhouse and nursery	1,210	1,265	1,417	1,619	1,820	1,550
TOTAL	**328,465**	**554,964**	**754,906**	**587,992**	**582,492**	**443,364**
All Commodities	**823,746**	**1,127,071**	**1,188,044**	**1,008,941**	**1,038,884**	**957,152**

[1]Revised

[2]Turkeys, turkey eggs, ducks, geese, other fowl, game birds, rabbits, mink, bees, horses, mules.

[3]Dry field peas, cabbage, sweet corn, lettuce, onions, green peas, tomatoes, misc. vegetables, rye, corn sorghum grain, soybeans, alsike clover seed, red clover seed, mustard seed, timothy seed, Kentucky bluegrass seed, bromegrass seed, fescue seed, rapeseed, wheatgrass seed, white clover seed, other seeds.

[4]Apples, plums, prunes, strawberries, raspberries, other berries.

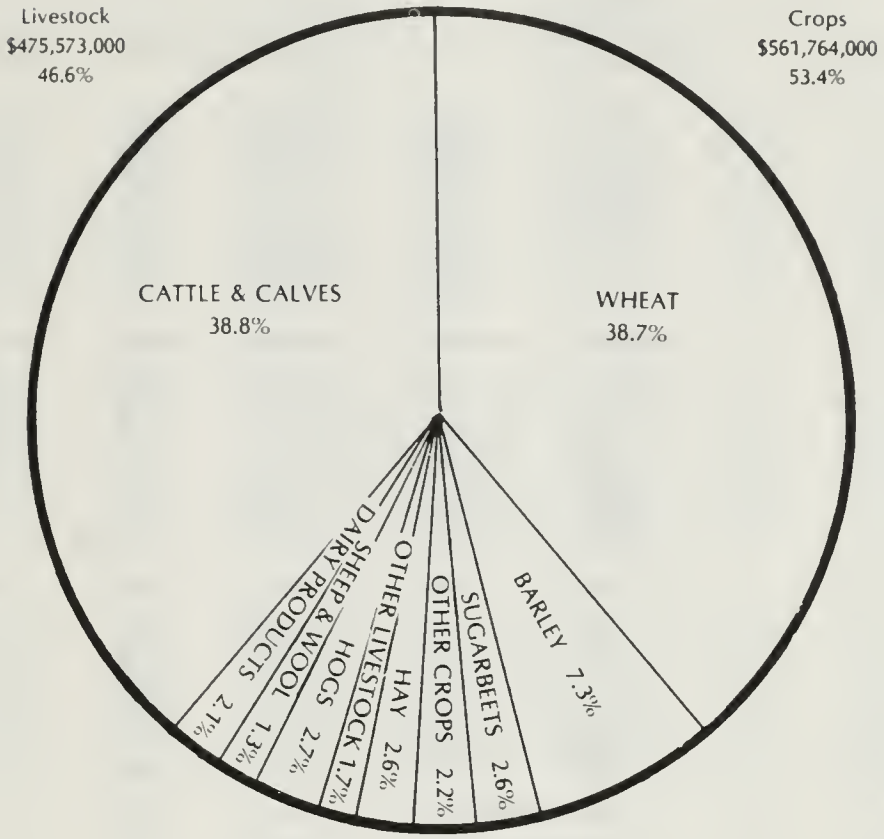
CASH RECEIPTS FROM MARKETINGS BY COMMODITIES AS A PERCENTAGE OF TOTAL RECEIPTS FOR ALL COMMODITIES — 1972-1977[1]

	1972	1973	1974	1975	1976	1977
			Percent of Total			
Livestock and Products						
Cattle and calves	52.3	42.9	29.3	33.7	35.9	45.2
Dairy products	2.2	1.7	1.9	2.2	2.3	2.8
Sheep and lambs	1.4	1.4	1.0	1.1	1.0	1.1
Wool	.4	.7	.4	.3	.3	.4
Hogs	2.5	2.6	2.5	2.9	2.7	2.5
Chickens and eggs	.8	.9	.8	.9	.9	.8
Honey and beeswax	.3	.3	.3	.4	.4	.3
Other	.2	.3	.3	.3	.4	.6
TOTAL	**60.1**	**50.8**	**36.5**	**41.8**	**43.9**	**53.7**
Crops						
Wheat	27.4	33.8	46.5	44.3	41.4	32.0
Barley	6.5	7.6	7.6	6.6	8.2	6.6
Sugarbeets	1.8	2.8	3.6	2.5	2.1	2.2
Hay	2.5	2.7	2.9	2.8	1.9	3.0
Potatoes	.4	.7	1.2	.6	.9	.7
Other	1.3	1.6	1.7	1.4	1.6	1.8
TOTAL	**39.9**	**49.2**	**63.5**	**58.2**	**56.1**	**46.3**
All Commodities	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**

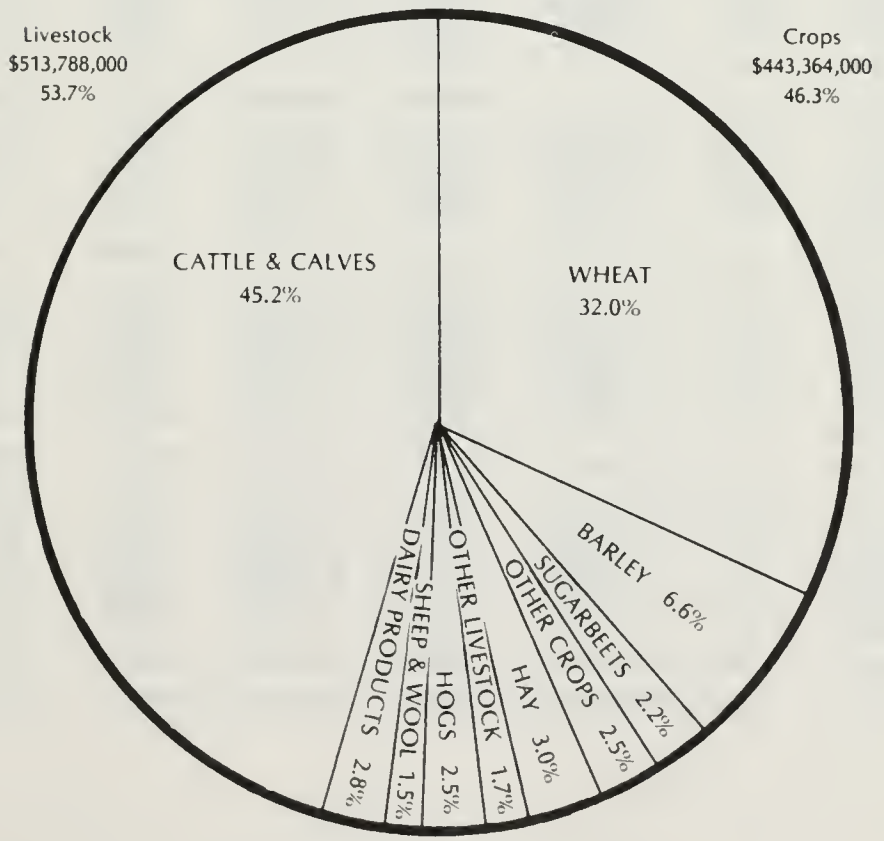
[1]Revised

CASH RECEIPTS FROM FARM MARKETINGS OF COMMODITIES

1972-1976 Average



1977



CASH RECEIPTS BY COUNTIES — 1976

From Sale of Principal Products and Government Payments

COUNTY & DISTRICT	Livestock and Livestock Products	Crops	Total Receipts from Marketings	Govern-ment Payments	All Cash Receipts	Cash Receipts Per Farms
			Dollars			
Deer Lodge	1,464,000	338,000	1,802,000	18,900	1,820,900	28,452
Flathead	7,631,000	6,656,000	14,287,000	115,300	14,402,300	18,394
Granite	3,469,000	748,000	4,217,000	41,400	4,258,400	31,544
Lake	12,363,000	7,581,000	19,944,000	154,100	20,098,100	19,704
Lincoln	962,000	278,000	1,240,000	78,500	1,318,500	8,345
Mineral	273,000	186,000	459,000	17,700	476,700	9,931
Missoula	3,009,000	1,287,000	4,296,000	102,000	4,398,000	13,962
Powell	5,695,000	2,345,000	8,040,000	175,400	8,215,400	46,154
Ravalli	11,530,000	2,178,000	13,708,000	118,900	13,826,900	18,169
Sanders	2,886,000	958,000	3,844,000	153,100	3,997,100	13,413
N. WEST	**49,282,000**	**22,555,000**	**71,837,000**	**975,300**	**72,812,300**	**19,365**
Blaine	11,859,000	17,008,000	28,867,000	213,800	29,080,800	58,749
Chouteau	8,544,000	56,860,000	65,404,000	301,500	65,705,500	75,698
Glacier	6,027,000	16,754,000	22,781,000	585,400	23,366,400	66,761
Hill	4,976,000	47,689,000	52,665,000	122,300	52,787,300	69,548
Liberty	2,807,000	19,984,000	22,791,000	30,600	22,821,600	75,071
Phillips	12,673,000	11,619,000	24,292,000	129,100	24,421,100	44,564
Pondera	5,243,000	29,144,000	34,387,000	238,200	34,625,200	65,827
Teton	11,054,000	22,023,000	33,077,000	513,400	33,590,400	48,124
Toole	3,789,000	28,430,000	32,219,000	307,200	32,526,200	95,758
N. CENTRAL	**66,972,000**	**249,511,000**	**316,483,000**	**2,441,500**	**318,924,500**	**64,835**
Daniel	3,764,000	18,977,000	22,741,000	144,500	22,885,500	47,878
Dawson	7,205,000	13,855,000	21,060,000	153,400	21,213,400	37,480
Garfield	10,936,000	6,886,000	17,822,000	307,900	18,129,900	64,063
McCone	6,907,000	15,164,000	22,071,000	296,800	22,367,800	46,310
Richland	13,527,000	20,355,000	33,882,000	247,800	34,129,800	53,079
Roosevelt	7,358,000	27,556,000	34,914,000	135,100	35,049,100	50,943
Sheridan	3,975,000	25,260,000	29,235,000	217,100	29,452,100	42,933
Valley	11,554,000	24,019,000	35,573,000	213,600	35,786,600	47,274
N. EAST	**65,226,000**	**152,072,000**	**217,298,000**	**1,716,200**	**219,014,200**	**47,778**
Broadwater	3,610,000	5,308,000	8,918,000	78,300	8,996,300	47,599
Cascade	17,992,000	16,954,000	34,946,000	672,800	35,618,800	45,432
Fergus	15,754,000	18,894,000	34,648,000	306,800	34,954,800	42,837
Golden Valley	2,654,000	2,004,000	4,658,000	164,500	4,822,500	37,096
Judith Basin	8,524,000	7,853,000	16,377,000	107,800	16,484,800	41,734
Lewis & Clark	7,503,000	2,995,000	10,498,000	353,000	10,851,000	38,208
Meagher	5,524,000	1,355,000	6,879,000	132,000	7,011,000	61,500
Musselshell	4,901,000	2,255,000	7,156,000	259,000	7,415,000	34,014
Petroleum	4,119,000	694,000	4,813,000	87,100	4,900,100	50,001
Wheatland	5,663,000	2,098,000	7,761,000	168,300	7,929,300	56,638
CENTRAL	**76,244,000**	**60,410,000**	**136,654,000**	**2,329,600**	**138,983,600**	**43,871**
Beaverhead	24,784,000	3,494,000	28,278,000	172,800	28,450,800	95,472
Gallatin	16,377,000	11,636,000	28,013,000	126,300	28,139,300	37,771
Jefferson	3,302,000	1,179,000	4,481,000	92,700	4,573,700	28,060
Madison	11,845,000	3,626,000	15,471,000	145,200	15,616,200	40,042
Silver Bow	1,140,000	132,000	1,272,000	17,500	1,289,500	15,536
S. WEST	**57,448,000**	**20,067,000**	**77,515,000**	**554,500**	**78,069,500**	**46,498**
Big Horn	16,323,000	9,152,000	25,475,000	158,500	25,633,500	49,677
Carbon	9,860,000	6,396,000	16,256,000	321,200	16,577,200	24,632
Park	8,219,000	2,698,000	10,917,000	84,500	11,001,500	30,560
Stillwater	10,301,000	8,432,000	18,733,000	155,900	18,888,900	44,655
Sweet Grass	6,124,000	1,409,000	7,533,000	160,200	7,693,200	29,363
Treasure	3,610,000	3,479,000	7,089,000	53,100	7,142,100	63,204
Yellowstone	26,319,000	14,887,000	41,206,000	203,600	41,409,600	39,400
S. CENTRAL	**80,756,000**	**46,453,000**	**127,209,000**	**1,137,000**	**128,346,000**	**37,771**
Carter	11,277,000	2,214,000	13,491,000	479,100	13,970,100	41,827
Custer	11,667,000	3,964,000	15,631,000	163,100	15,794,100	40,087
Fallon	5,993,000	5,927,000	11,920,000	101,400	12,021,400	38,285
Powder River	9,453,000	3,941,000	13,394,000	152,500	13,546,500	36,124
Prairie	6,761,000	5,229,000	11,990,000	221,600	12,211,600	54,274
Rosebud	11,668,000	5,088,000	16,756,000	166,400	16,922,400	48,768
Wibaux	3,645,000	5,061,000	8,706,000	58,800	8,764,800	43,176
S. EAST	**60,464,000**	**31,424,000**	**91,888,000**	**1,342,900**	**93,230,900**	**42,532**
STATE	**456,392,000**	**582,492,000**	**1,038,884,000**	**10,497,000**	**1,049,381,000**	**44,278**

CASH RECEIPTS BY COUNTIES — 1977

From Sale of Principal Products and Government Payments

COUNTY & DISTRICT	Livestock and Livestock Products	Crops	Total Receipts from Marketings	Govern-ment Payments	All Cash Receipts	Cash Receipts Per Farms
			Dollars			
Deer Lodge	1,750,000	612,000	2,362,000	35,400	2,397,400	38,054
Flathead	6,795,000	5,660,000	12,455,000	326,800	12,781,800	16,600
Granite	3,898,000	981,000	4,879,000	119,700	4,998,700	37,584
Lake	11,438,000	6,841,000	18,279,000	406,100	18,685,100	18,685
Lincoln	967,000	411,000	1,378,000	81,100	1,459,100	9,353
Mineral	270,000	192,000	462,000	23,500	485,500	10,330
Missoula	2,609,000	1,244,000	3,853,000	184,900	4,037,900	13,025
Powell	6,302,000	1,833,000	8,135,000	251,100	8,386,100	47,921
Ravalli	10,478,000	2,403,000	12,881,000	506,200	13,387,200	17,873
Sanders	2,816,000	837,000	3,653,000	227,500	3,880,500	13,244
N. WEST	**47,323,000**	**21,014,000**	**68,337,000**	**2,162,300**	**70,499,300**	**19,074**
Blaine	12,005,000	13,269,000	25,274,000	1,876,100	27,150,100	55,750
Chouteau	8,948,000	40,356,000	49,304,000	5,844,500	55,148,500	64,728
Glacier	6,316,000	10,813,000	17,129,000	1,393,000	18,522,000	53,843
Hill	4,533,000	32,538,000	37,071,000	5,191,300	42,262,300	56,728
Liberty	2,491,000	14,676,000	17,167,000	2,129,400	19,296,400	64,536
Phillips	12,063,000	9,913,000	21,976,000	1,395,000	23,371,000	43,280
Pondera	5,669,000	18,448,000	24,117,000	1,958,900	26,075,900	50,340
Teton	10,153,000	17,189,000	27,342,000	2,292,800	29,634,800	43,199
Toole	3,474,000	17,950,000	21,424,000	2,088,500	23,512,500	64,418
N. CENTRAL	**65,652,000**	**175,152,000**	**240,804,000**	**24,169,500**	**264,973,500**	**54,792**
Daniels	4,255,000	14,997,000	19,252,000	2,271,700	21,523,700	45,814
Dawson	8,992,000	10,234,000	19,226,000	1,379,300	20,605,300	37,060
Garfield	12,229,000	4,158,000	16,387,000	796,700	17,183,700	61,590
McCone	8,089,000	10,085,000	18,174,000	1,515,900	19,689,900	41,452
Richland	15,063,000	15,652,000	30,715,000	1,581,600	32,296,600	51,102
Roosevelt	7,596,000	17,631,000	25,227,000	2,435,700	27,662,700	40,921
Sheridan	4,834,000	17,687,000	22,521,000	2,793,600	25,314,600	37,559
Valley	13,353,000	18,765,000	32,118,000	2,677,800	34,795,800	46,706
N. EAST	**74,411,000**	**109,209,000**	**183,620,000**	**15,452,300**	**199,072,300**	**44,170**
Broadwater	4,934,000	5,346,000	10,280,000	760,900	11,040,900	59,360
Cascade	22,696,000	13,775,000	36,471,000	2,401,500	38,872,500	50,418
Fergus	19,857,000	15,879,000	35,736,000	2,166,400	37,902,400	47,378
Golden Valley	4,142,000	1,471,000	5,613,000	332,500	5,945,500	46,449
Judith Basin	10,340,000	7,534,000	17,874,000	1,034,300	18,908,300	48,607
Lewis & Clark	9,173,000	2,585,000	11,758,000	494,100	12,252,100	43,758
Meagher	7,476,000	1,524,000	9,000,000	241,200	9,241,200	82,511
Musselshell	7,702,000	1,930,000	9,632,000	397,300	10,029,300	46,648
Petroleum	4,647,000	718,000	5,365,000	156,100	5,521,100	57,511
Wheatland	6,365,000	2,144,000	8,509,000	418,200	8,927,200	64,690
CENTRAL	**97,332,000**	**52,906,000**	**150,238,000**	**8,402,500**	**158,640,500**	**50,928**
Beaverhead	23,732,000	3,597,000	27,329,000	368,800	27,697,800	94,532
Gallatin	19,093,000	9,880,000	28,973,000	924,200	29,897,200	40,899
Jefferson	3,415,000	1,056,000	4,471,000	188,400	4,659,400	29,121
Madison	12,269,000	2,703,000	14,972,000	263,800	15,235,800	39,677
Silver Bow	1,115,000	141,000	1,256,000	36,300	1,292,300	15,760
S. WEST	**59,624,000**	**17,377,000**	**77,001,000**	**1,781,500**	**78,782,500**	**47,747**
Big Horn	16,850,000	8,821,000	25,671,000	997,800	26,668,800	52,498
Carbon	13,910,000	6,975,000	20,885,000	1,002,900	21,887,900	33,113
Park	8,974,000	2,361,000	11,335,000	304,100	11,639,100	32,879
Stillwater	10,814,000	5,935,000	16,749,000	861,300	17,610,300	42,332
Sweet Grass	7,269,000	1,350,000	8,619,000	304,700	8,923,700	34,588
Treasure	4,166,000	3,251,000	7,417,000	253,600	7,670,600	69,105
Yellowstone	34,375,000	13,965,000	48,340,000	1,377,500	49,717,500	48,129
S. CENTRAL	**96,358,000**	**42,658,000**	**139,016,000**	**5,101,900**	**144,117,900**	**43,136**
Carter	12,947,000	2,524,000	15,471,000	868,000	16,339,000	49,663
Custer	14,473,000	3,404,000	17,877,000	732,600	18,609,600	48,211
Fallon	7,206,000	4,314,000	11,520,000	634,900	12,154,900	39,336
Powder River	13,368,000	3,500,000	16,868,000	492,300	17,360,300	47,174
Prairie	7,140,000	3,810,000	10,950,000	456,400	11,406,400	51,613
Rosebud	13,059,000	4,433,000	17,492,000	721,300	18,213,300	53,255
Wibaux	4,895,000	3,063,000	7,958,000	467,500	8,425,500	42,128
S. EAST	**73,088,000**	**25,048,000**	**98,136,000**	**4,373,000**	**102,509,000**	**47,568**
STATE	**513,788,000**	**443,364,000**	**957,152,000**	**61,443,000**	**1,018,595,000**	**43,717**

NUMERICAL RANKING OF COUNTIES

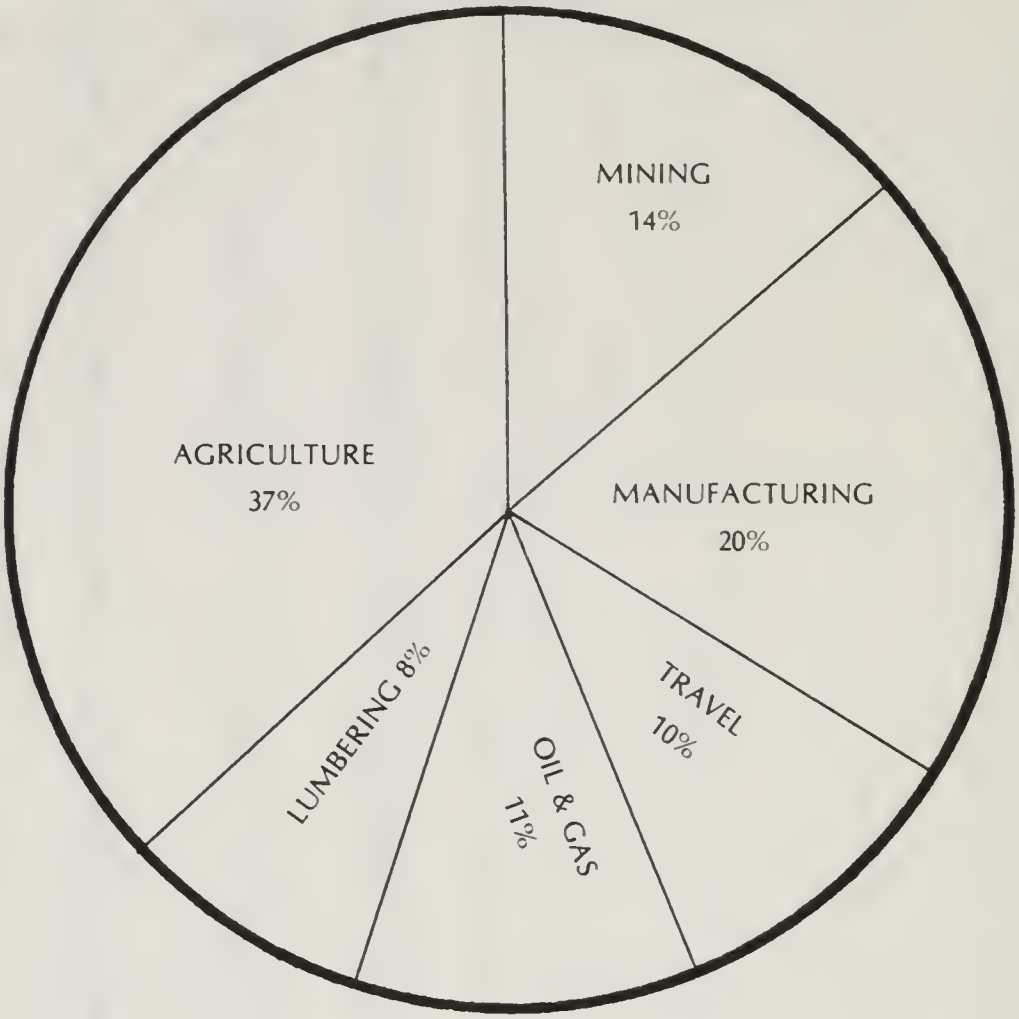
COUNTY	1977 CROP PRODUCTION						
	All Wheat	Winter Wheat	Spring Wheat Excl. Durum	Durum Wheat	Barley	Oats	All Hay
Beaverhead	40	44	30		24	37	1
Big Horn	20	12	26		18	27	9
Blaine	13	9	9	5	11	7	10
Broadwater	26	27	18		14	25	28
Carbon	33	30	31		19	36	13
Carter	32	26	29	17	41	20	25
Cascade	9	6	15	16	7	11	7
Chouteau	1	1	10	10	1	9	17
Custer	28	21	35		42	28	32
Daniels	6	51	2	7	28	21	46
Dawson	15	13	13	15	33	14	33
Deer Lodge	53		48		51	45	47
Fallon	24	23	19		34	5	39
Fergus	8	3	21	9	4	11	2
Flathead	36	34	33		10	30	21
Gallatin	22	16	25		6	10	4
Garfield	25	20	22	22	25	16	42
Glacier	21	19	14	14	5	40	43
Golden Valley	37	32	43		48	25	48
Granite	52		44		52	44	31
Hill	2	2	6	18	16	2	44
Jefferson	42	37	50		50	24	35
Judith Basin	19	14	24	21	9	6	20
Lake	38	36	32		22	23	8
Lewis & Clark	45	42	40		26	17	19
Liberty	7	4	12	19	17	39	54
Lincoln	55		54		54	44	52
McCone	14	11	11	13	29	18	37
Madison	46	48	28		32	28	3
Meagher	43	39	51		31	31	24
Mineral	54	52	55		55	44	55
Missoula	51	50	47		47	38	36
Musselshell	39	35	52		44	35	45
Park	35	33	34		30	28	12
Petroleum	48	46	53		46	43	40
Phillips	16	17	7		13	1	6
Pondera	12	7	20	3	2	22	38
Powder River	31	24	38	9	39	33	29
Powell	50	49	45		40	34	15
Prairie	30	22	39		43	36	51
Ravalli	44	41	42	20	37	13	14
Richland	17	18	8	8	20	3	27
Roosevelt	5	31	3	2	23	12	26
Rosebud	29	28	23		36	29	30
Sanders	49	47	49		53	42	34
Sheridan	3	40	4	1	21	8	41
Silver Bow	56				55	42	50
Stillwater	23	15	37	12	27	32	18
Sweet Grass	41	38	46		38	15	22
Teton	10	5	17	15	3	26	5
Toole	11	10	5	4	8	19	53
Treasure	47	45	41		45	41	49
Valley	4	25	1	11	12	4	11
Wheatland	34	29	36		35	19	23
Wibaux	27	43	16	6	49	17	51
Yellowstone	18	8	27		15	24	16

NUMERICAL RANKING OF COUNTIES

COUNTY	Cash Receipts — 1977 All Products	Cash Receipts — 1977 Livestock and Products	Cash Receipts — 1977 Crops	Livestock Numbers Cattle Jan. 1, 1977	Livestock Numbers Sheep Jan. 1, 1977	Livestock Numbers Hogs Jan. 1, 1977
Beaverhead	10	2	32	1	3	28
Big Horn	11	6	21	4	37	23
Blaine	12	17	15	10	25	6
Broadwater	39	39	27	44	27	26
Carbon	18	9	23	17	5	16
Carter	31	13	39	15	1	24
Cascade	4	3	14	5	17	22
Chouteau	1	26	1	20	41	12
Custer	23	8	34	7	19	21
Daniels	19	44	11	48	31	10
Dawson	20	24	17	23	26	24
Deer Lodge	53	53	53	53	47	30
Fallon	36	32	29	32	30	9
Fergus	5	4	9	3	16	1
Flathead	34	34	26	47	40	2
Gallatin	8	5	20	13	23	7
Garfield	30	15	30	14	2	29
Glacier	27	36	16	33	33	11
Golden Valley	47	46	46	43	21	33
Granite	49	47	50	38	42	36
Hill	3	43	2	41	44	15
Jefferson	50	49	49	46	43	32
Judith Basin	24	21	22	19	23	21
Lake	21	18	24	18	35	18
Lewis & Clark	35	23	38	25	9	27
Liberty	26	52	12	52	46	20
Lincoln	54	55	54	55	47	32
McCone	32	14	37	29	8	19
Madison	22	27	18	6	9	22
Meagher	41	30	45	27	14	33
Mineral	56	56	55	56	48	36
Missoula	51	51	48	51	45	35
Musselshell	40	28	43	28	13	30
Park	37	25	41	22	30	21
Petroleum	48	42	52	39	24	34
Phillips	16	16	19	8	15	17
Pondera	14	38	4	37	26	8
Powder River	28	10	33	9	6	31
Powell	44	37	44	24	34	29
Prairie	38	33	31	34	32	21
Ravalli	33	20	40	30	18	23
Richland	7	7	10	16	22	3
Roosevelt	13	29	7	35	36	5
Rosebud	25	12	28	11	11	29
Sanders	52	50	51	49	43	37
Sheridan	15	41	6	42	39	23
Silver Bow	55	54	56	54	49	37
Stillwater	29	19	25	26	10	11
Sweet Grass	42	31	47	31	4	28
Teton	9	22	8	21	12	4
Toole	17	48	5	50	29	13
Treasure	46	45	35	45	46	33
Valley	6	11	3	12	20	5
Wheatland	43	35	42	36	7	23
Wibaux	45	40	36	40	38	25
Yellowstone	2	1	13	2	28	14

RELATIVE IMPORTANCE OF SELECTED MAJOR MONTANA INDUSTRIES

Percent of Total



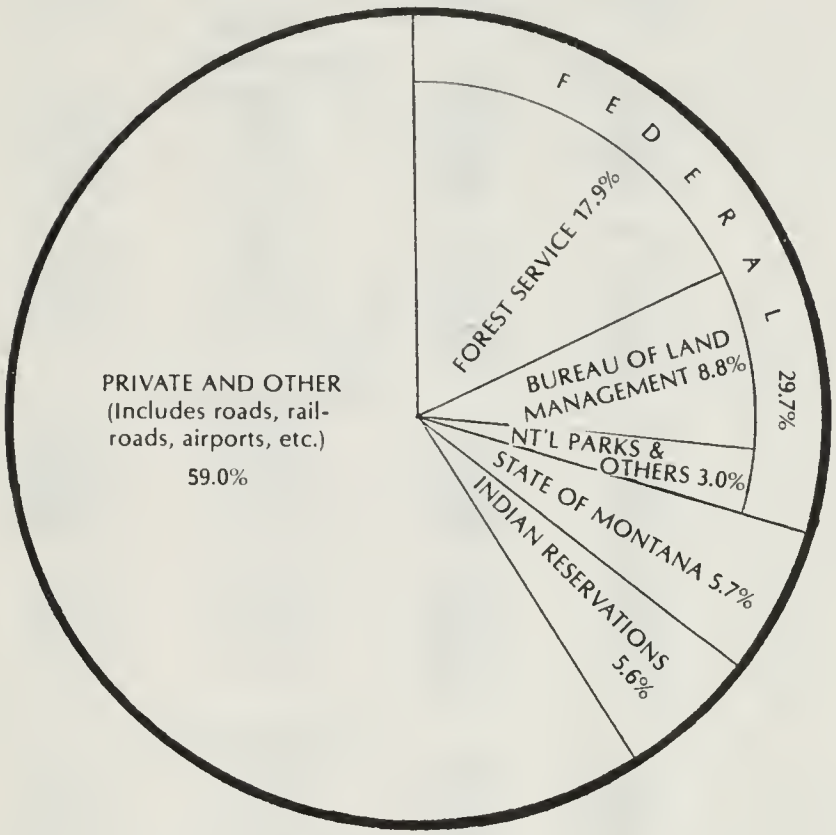
VALUE BY GROUPS

Industry	Basis	Year	Value in Millions
Agriculture[1]	Cash Receipts	1977	1,018
Mining[2]	Value of Production	1976	376
Manufacturing[3]	Value added (excluding Lumber and Wood Products)	1976	546
Travel[4]	Estimated Value	1977	264
Oil & Gas[5]	Value of Production	1977	311
Lumber & Wood Products[3]	Value added	1976	225
Total of above industries			2,740

[1]USDA Economics, Statistics, & Cooperatives Service.
[2]Metal Industries Surveys, Bureau of Mines.
[3]Census of Manufacturers, Bureau of Census.
[4]Montana Department of Highways (travelers from out of State).
[5]Montana Department of Revenue.

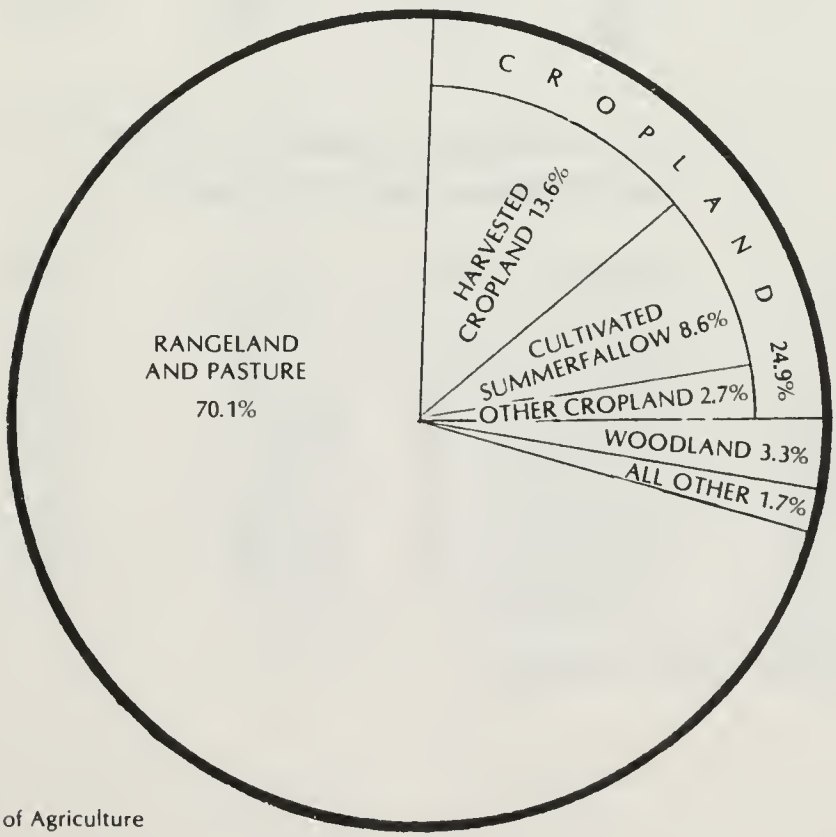
MONTANA LAND AREA AND LAND IN FARMS

MONTANA LAND AREA (93.3 Million Acres)
Ownership as Percentage of Total



Source: "Public Land Statistics, 1976" and Montana Department of Lands.

LAND IN FARMS & RANCHES (62.2 Million Acres)
Utilization as Percentage of Total



Source: 1974 Census of Agriculture

NUMBER OF WORKERS ON FARMS

Family and Hired Workers, 1968-1978

Year	January	April	July	October	Annual Average
			Numbers		
			Total Workers		
1968	27,000	45,000	52,000	43,000	42,000
1969	26,000	42,000	54,000	40,000	41,000
1970	27,000	37,000	53,000	40,000	39,000
1971	26,000	46,000	54,000	36,000	41,000
1972	27,000	45,000	51,000	37,000	40,000
1973	26,000	42,000	55,000	38,000	40,000
1974	22,000	37,000	51,000	39,000	37,000
1975	26,000	29,000	41,000	33,000	32,000
1976	28,000	34,000	39,000	32,000	33,300
1977	22,600	36,000	41,000	28,000	31,900
1978[1]	24,500	34,100			
			Family Workers		
1968	23,000	35,000	31,000	31,000	30,000
1969	23,000	33,000	31,000	30,000	29,000
1970	23,000	29,000	31,000	29,000	28,000
1971	22,000	35,000	30,000	27,000	29,000
1972	23,000	33,000	31,000	28,000	29,000
1973	22,000	31,000	30,000	28,000	28,000
1974	16,000	26,000	31,000	26,000	25,000
1975	18,000	20,000	26,000	23,000	22,000
1976	21,000	25,000	27,000	23,000	24,000
1977	18,000	28,000	29,000	22,000	24,000
1978[1]	20,000	27,000			
			Hired Workers		
1968	4,000	10,000	21,000	12,000	12,000
1969	3,000	9,000	23,000	10,000	11,000
1970	4,000	8,000	22,000	11,000	11,000
1971	4,000	11,000	24,000	9,000	12,000
1972	4,000	12,000	20,000	9,000	11,000
1973	4,000	11,000	25,000	10,000	13,000
1974	6,000	11,000	20,000	13,000	13,000
1975	8,000	9,000	15,000	10,000	11,000
1976	7,000	9,000	12,000	9,000	9,300
1977	4,600	8,000	12,000	6,000	7,700
1978[1]	4,500	7,100			

FARM WAGE RATES

Paid to All Hired Workers Per Hour, 1968-1978

Year	January	April	July	October	Annual Average
			Dollars		
1968	1.42	1.42	1.47	1.44	1.44
1969	1.56	1.47	1.53	1.60	1.54
1970	1.68	1.60	1.61	1.64	1.63
1971	1.73	1.69	1.71	1.75	1.72
1972	1.80	1.80	1.80	1.93	1.83
1973	1.95	2.00	2.04	2.08	2.02
1974	2.22	1.84	1.97	2.35	2.10
1975	2.38	1.94	1.89	2.55	2.19
1976	2.53	2.20	2.08	2.42	2.31
1977	2.58	2.30	2.10	2.37	2.34
1978[1]	2.50	2.72			

[1]Some data not available in time for publication.

COMMERCIAL FERTILIZER CONSUMPTION

By Primary Nutrients and Fertilizer Materials, 1972-1977[1]

PRIMARY NUTRIENTS	1972	1973	1974	1975	1976	1977
			Tons			
Nitrogen	43,913	52,840	45,961	39,029	53,982	64,024
Available P^2O^5	50,154	62,346	60,786	43,973	62,989	74,294
K^2P	2,504	2,983	4,225	3,155	5,725	8,609
TOTAL NUTRIENTS[2]	**96,571**	**118,169**	**110,972**	**86,158**	**122,696**	**146,927**
FERTILIZER MATERIALS						
NITROGEN MATERIALS:						
Anhydrous Ammonia	2,069	2,137	2,049	5,818	3,683	6,055
Aqua Ammonia	153	247	441	260	30	148
Ammonium Nitrate	60,936	73,656	57,295	47,750	68,588	69,115
Ammonium Sulphate	3,090	6,146	10,768	5,645	1,450	5,174
Nitrogen Solution	3,213	2,781	2,539	1,720	4,707	5,143
Urea	239	46	649	3,305	4,455	9,261
Other	6	79	955	1,208	3,875	1,036
PHOSPHATE MATERIALS:						
Phosphate Rock	0	0	0	0	0	50
Superphosphate—over 22%	11,414	11,230	9,799	7,268	8,305	10,581
Ammonium Phosphate	33,748	39,797	35,532	32,822	33,890	27,144
Other	2,212	3,737	1,049	1,125	1,306	991
POTASH MATERIALS:						
Chloride 50-62%	3,878	4,865	5,534	4,004	8,725	13,318
Other	0	0	0	0	0	0
NATURAL ORGANIC	166	150	237	109	153	127
SECONDARY AND MICRONUTRIENTS:						
Gypsum	215	463	2,058	3,813	5,823	9,587
Other	20	23	4	151	217	406
MIXTURES	81,654	100,572	100,965	63,975	111,176	143,946
TOTAL MATERIALS	**203,013**	**245,929**	**229,874**	**178,973**	**256,383**	**302,083**

ALL CROPS, IRRIGATED AND NOT IRRIGATED — 1968-1977

Acres Harvested and Value of Crop Production

Year	IRRIGATED				NOT IRRIGATED	
	Acres Harvested		Value of Crop Production		Acres Harvested	Value of Crop Production
	Number	% of Total	Dollars	% of Total	Number	Dollars
1968	1,535,789	19	93,848,600	32	6,742,100	201,663,400
1969	1,586,689	19	98,947,100	33	6,682,500	203,881,900
1970	1,492,439	18	91,106,900	31	6,809,900	203,731,100
1971	1,458,155	17	105,725,900	32	7,280,300	223,941,100
1972	1,564,355	19	139,386,700	31	6,773,300	313,103,300
1973	1,733,455	19	264,698,400	31	7,226,900	595,484,600
1974	1,696,290	19	247,490,700	28	7,273,300	650,425,300
1975	1,736,490	19	224,270,400	24	7,360,300	704,827,600
1976	1,692,400	19	212,882,700	28	7,431,800	549,749,300
1977	1,640,400	18	227,784,700	33	7,505,200	456,706,300
1972-76 Avg.	1,684,600	19	217,745,800	28	7,213,100	562,718,000

ALL CROPS, IRRIGATED AND NOT IRRIGATED — 1976

Acres Harvested and Value of Crop Production

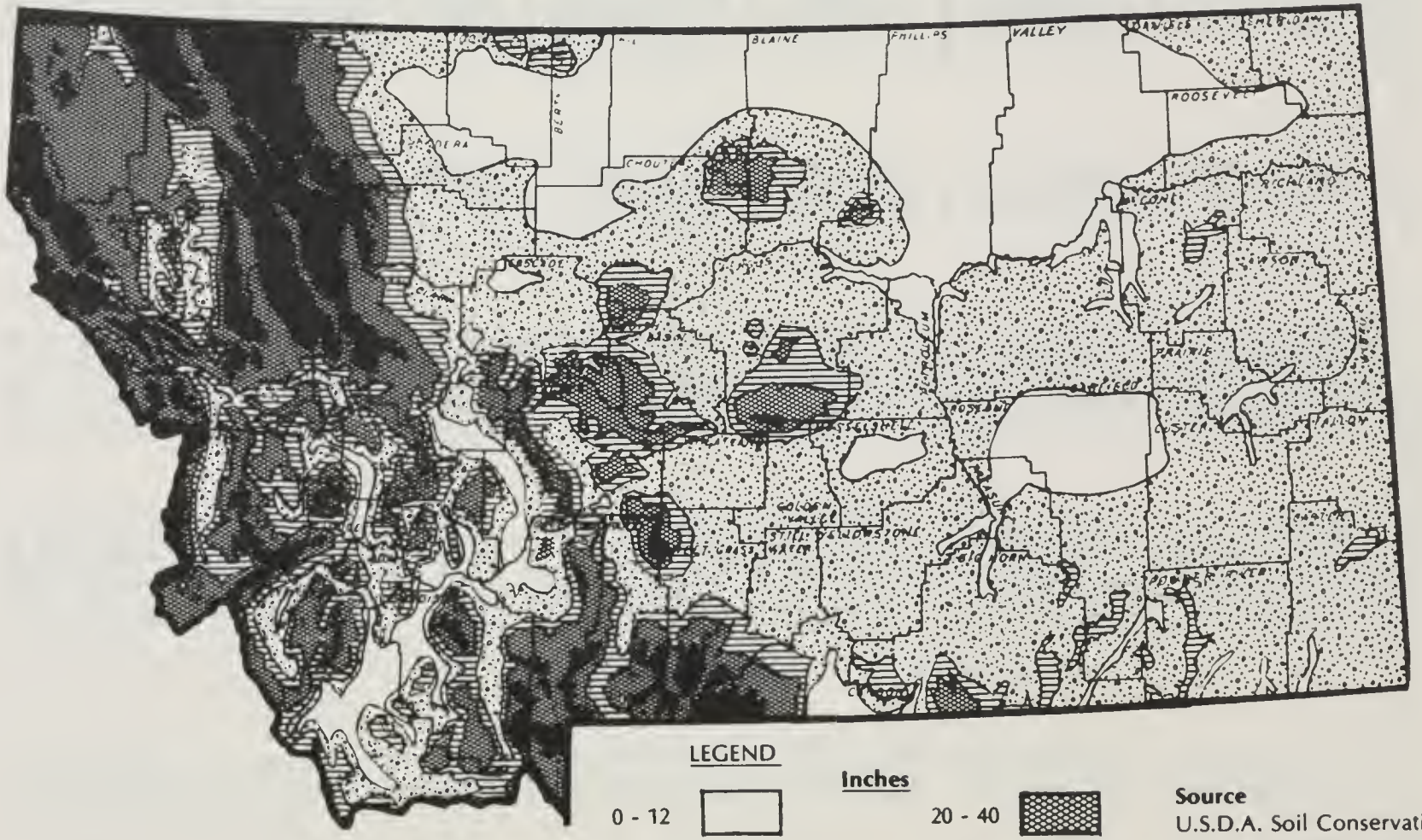
COUNTY & DISTRICT	IRRIGATED		NOT IRRIGATED	
	Acres Harvested	Value of Crop Production	Acres Harvested	Value of Crop Production
Deer Lodge	13,510	1,374,700	400	22,700
Flathead	35,361	5,533,000	49,300	4,980,300
Granite	31,500	2,595,900	2,100	139,700
Lake	58,839	11,003,700	34,800	2,578,000
Lincoln	6,305	574,800	3,400	189,100
Mineral	1,200	125,300	1,750	117,100
Missoula	20,405	2,084,300	13,100	754,100
Powell	58,290	4,805,400	10,600	521,300
Ravalli	44,580	5,960,300	6,200	408,500
Sanders	16,600	2,000,500	20,250	1,362,700
N. WEST	**286,590**	**36,057,900**	**141,900**	**11,073,500**
Blaine	48,560	5,325,200	241,800	17,788,300
Chouteau	17,520	1,888,500	666,000	53,337,800
Glacier	24,610	2,575,800	204,000	18,748,300
Hill	9,410	1,064,100	592,500	42,927,900
Liberty	4,120	449,600	250,400	20,538,400
Phillips	44,820	4,324,700	180,600	12,401,600
Pondera	46,210	5,574,700	281,900	26,045,700
Teton	103,740	11,780,900	204,500	16,669,600
Toole	5,310	553,900	355,800	30,618,400
N. CENTRAL	**304,300**	**33,537,400**	**2,977,500**	**239,076,000**
Daniels	2,900	275,100	281,100	21,965,700
Dawson	17,890	3,495,000	190,400	12,850,200
Garfield	5,300	585,000	116,700	6,826,600
McCone	4,610	493,500	254,900	16,480,900
Richland	36,520	9,386,400	207,750	15,071,000
Roosevelt	13,150	1,542,500	385,700	28,296,900
Sheridan	4,310	458,100	335,450	24,671,800
Valley	31,260	4,142,300	384,150	27,461,200
N. EAST	**115,940**	**20,377,900**	**2,156,150**	**153,624,300**
Broadwater	45,870	6,465,200	19,900	1,563,400
Cascade	33,800	3,641,000	231,350	17,581,600
Fergus	16,010	1,693,600	358,750	25,259,500
Golden Valley	9,270	974,800	35,600	2,149,400
Judith Basin	11,910	1,355,500	169,800	11,870,600
Lewis & Clark	39,320	4,665,600	25,600	1,756,800
Meagher	36,000	3,054,000	17,200	1,081,200
Musselshell	9,510	971,800	38,000	2,291,500
Petroleum	13,800	1,403,800	15,900	855,400
Wheatland	33,410	2,999,400	42,400	2,624,600
CENTRAL	**248,900**	**27,224,700**	**954,500**	**67,034,000**
Beaverhead	152,810	12,086,800	10,200	607,300
Gallatin	82,660	12,070,800	77,300	6,334,400
Jefferson	18,660	1,568,200	17,400	1,058,400
Madison	81,820	8,774,300	24,800	1,891,500
Silver Bow	8,010	692,500	1,600	81,600
S. WEST	**343,960**	**35,192,600**	**131,300**	**9,973,200**
Big Horn	51,250	7,719,200	112,800	8,419,500
Carbon	56,040	9,249,500	39,600	2,567,000
Park	43,310	4,342,300	41,700	2,547,600
Stillwater	22,930	2,790,500	131,100	8,574,600
Sweet Grass	37,810	3,780,500	20,150	1,084,300
Treasure	16,700	4,093,500	15,700	1,312,600
Yellowstone	61,700	12,955,100	115,450	7,542,400
S. CENTRAL	**289,740**	**44,930,600**	**476,500**	**32,048,000**
Carter	10,210	810,500	86,800	5,235,900
Custer	20,780	4,454,800	55,000	2,997,000
Fallon	4,005	475,400	132,200	7,987,400
Powder River	11,305	996,900	105,200	7,004,100
Prairie	12,950	2,533,300	67,550	4,426,200
Rosebud	41,365	5,995,100	61,200	3,886,200
Wibaux	2,355	295,600	86,000	5,383,500
S. EAST	**102,970**	**15,561,600**	**593,950**	**36,920,300**
STATE	**1,692,400**	**212,882,700**	**7,431,800**	**549,749,300**

ALL CROPS, IRRIGATED AND NOT IRRIGATED — 1977

Acres Harvested and Value of Crop Production

COUNTY & DISTRICT	IRRIGATED		NOT IRRIGATED	
	Acres Harvested	Value of Crop Production	Acres Harvested	Value of Crop Production
Deer Lodge	13,475	1,803,400	800	71,600
Flathead	33,981	5,822,300	54,000	4,404,600
Granite	29,900	3,266,500	2,200	149,700
Lake	55,784	11,822,300	26,600	2,247,600
Lincoln	5,105	564,000	3,900	265,300
Mineral	1,300	163,700	1,600	116,200
Missoula	17,905	2,351,400	9,750	699,300
Powell	41,390	4,292,100	26,000	1,529,000
Ravalli	48,405	6,881,500	8,050	707,200
Sanders	15,000	1,832,300	18,900	1,331,200
N. WEST	**262,245**	**38,799,500**	**151,800**	**11,521,700**
Blaine	43,260	6,001,100	219,700	14,341,000
Chouteau	19,925	2,610,700	649,100	47,312,300
Glacier	21,400	1,860,900	215,000	10,721,000
Hill	6,210	784,700	574,800	36,055,100
Liberty	2,020	282,800	288,600	15,695,500
Phillips	47,740	6,070,300	187,600	12,791,400
Pondera	46,310	4,998,400	249,800	16,680,900
Teton	85,530	11,834,700	231,300	15,558,500
Toole	2,710	311,100	327,600	16,766,900
N. CENTRAL	**275,105**	**34,754,700**	**2,943,500**	**185,922,600**
Daniels	1,710	226,100	288,300	16,487,300
Dawson	15,820	3,894,900	206,050	10,300,700
Garfield	7,750	1,172,700	112,400	5,289,000
McCone	6,700	902,600	255,000	11,306,100
Richland	42,330	10,586,900	210,400	11,019,500
Roosevelt	8,520	1,212,400	376,200	19,225,600
Sheridan	1,800	199,800	350,050	21,025,700
Valley	32,710	4,803,400	387,400	20,690,400
N. EAST	**117,340**	**22,998,800**	**2,185,800**	**115,344,300**
Broadwater	57,175	8,220,200	25,500	1,887,000
Cascade	34,150	4,407,100	252,650	18,602,800
Fergus	17,210	2,342,300	362,900	26,515,000
Golden Valley	8,610	1,110,600	33,500	1,617,900
Judith Basin	10,605	1,276,700	170,650	12,090,900
Lewis & Clark	35,210	4,370,300	23,700	1,547,300
Meagher	35,600	3,984,700	21,400	1,467,200
Musselshell	8,510	1,129,800	39,400	2,063,600
Petroleum	13,600	1,845,700	19,900	956,400
Wheatland	33,510	3,687,400	48,500	2,680,000
CENTRAL	**254,180**	**32,374,800**	**998,100**	**69,428,100**
Beaverhead	160,795	14,106,000	13,800	920,200
Gallatin	86,185	12,861,100	82,900	7,081,700
Jefferson	22,520	2,010,600	16,900	1,130,200
Madison	83,500	9,514,400	8,300	517,100
Silver Bow	8,800	895,000	500	29,000
S. WEST	**361,800**	**39,387,100**	**122,400**	**9,678,200**
Big Horn	44,190	6,884,100	137,600	9,598,200
Carbon	54,420	10,610,900	47,500	3,092,000
Park	47,200	5,004,700	40,500	2,574,700
Stillwater	21,240	3,465,200	119,500	7,210,400
Sweet Grass	32,010	3,328,700	31,700	1,926,400
Treasure	14,240	4,175,200	15,000	1,063,700
Yellowstone	61,670	15,662,800	130,300	8,139,400
S. CENTRAL	**274,970**	**49,131,600**	**522,100**	**33,604,800**
Carter	11,105	1,322,400	95,900	5,357,400
Custer	23,500	4,714,800	70,600	3,731,600
Fallon	4,305	701,700	126,400	6,399,100
Powder River	9,705	1,084,900	95,400	5,933,300
Prairie	8,970	2,407,600	58,200	2,998,100
Rosebud	36,125	6,370,100	56,100	3,044,200
Wibaux	1,050	187,700	78,900	3,742,900
S. EAST	**94,760**	**16,789,200**	**581,500**	**31,206,600**
STATE	**1,640,400**	**234,235,700**	**7,505,200**	**456,706,300**

AVERAGE ANNUAL PRECIPITATION



LEGEND

Inches

0 - 12	
12 - 16	
16 - 20	
20 - 40	
40 & more	

Based on period 1953-67

Source
U.S.D.A. Soil Conservation Service
Montana Water Resources Board
National Weather Service

Mt. Crop & Livestock Reporting Service
Helena, Montana

CLIMATOLOGICAL DATA

PREPARED BY THE NATIONAL WEATHER SERVICE, GREAT FALLS, MONTANA

Precipitation and Number of Days Between Freezing Temperatures — 1976 and 1977

COUNTY & DISTRICT	STATIONS	Precipitation, Inches						Number of Days Between Dates of Temperature of 32°, Last in Spring and First in Fall[1]		
		Annual			Growing Season April thru September					
		1976	1977	Normal[2]	1976	1977	Normal[2]	1976	1977	Avg.
Deer Lodge	E. Anaconda	12.01	14.10	14.32	9.65	11.91	9.21	143	115	116
Flathead	Kalispell	14.54	14.80	16.24	11.27	8.14	8.83	111	116	135
Granite	Phillipsburg	13.65	15.47	14.93	11.62	10.31	9.93	61	34	55
Lake	St. Ignatius	13.51	12.80	16.36	10.04	6.69	10.29	99	118	119
Lincoln	Fortine	13.40	14.69	18.02	9.84	8.50	9.92	94	72	39
Mineral	Superior	12.93	15.54	17.93	7.86	7.38	8.57	99	118	85
Missoula	Missoula	9.05	12.98	13.34	5.91	6.54	7.71	74	120	112
Powell	Ovando	--	10.90	16.43	--	3.90	8.49	--	7	39
Ravalli	Hamilton	11.69	14.63	12.99	9.11	7.47	7.14	102	111	122
Sanders	Thompson Falls	19.54	22.83	22.52	9.07	8.98	9.10	110	140	115
N. WEST	**Averages[3]**	**16.91**	**19.39**	**20.01**	**9.90**	**8.66**	**9.48**	**80**	**85**	
Blaine	Chinook	8.23	12.58	11.95	6.37	8.65	8.97	114	127	119
Chouteau	Ft. Benton	11.12	14.18	14.78	9.46	7.82	10.28	111	119	127
Glacier	Cut Bank	10.32	12.76	11.58	8.68	9.40	9.36	96	116	108
Hill	Havre	8.22	12.59	11.55	6.05	6.96	8.59	124	139	138
Liberty	Joplin	8.14	9.61	10.72	7.31	7.20	8.67	--	112	115
Phillips	Malta	10.91	12.93	11.58	9.06	8.61	8.91	116	151	131
Pondera	Valier	9.63	11.99	13.03	8.91	9.37	10.70	148	131	114
Teton	Fairfield	10.55	12.84	12.51	9.65	10.33	9.85	115	128	--
Toole	Dunkirk	7.74	8.89	10.90	7.02	6.22	8.31	110	--	104
N. CENTRAL	**Averages[3]**	**10.77**	**12.54**	**12.87**	**9.14**	**8.52**	**9.86**	**117**	**117**	
Daniels	Scobey	15.89	13.57	13.62	13.70	8.16	10.40	--	119	116
Dawson	Glendive	13.84	12.72	13.82	11.75	8.88	11.13	143	164	139
Garfield	Jordan	11.07	14.99	11.42	9.31	7.87	9.09	116	144	108
McCone	Vida	17.28	12.52	16.34	14.71	9.82	12.28	143	149	--
Richland	Savage	14.57	10.80	14.06	12.99	8.06	11.69	139	163	131
Roosevelt	Culbertson	18.03	10.64	14.18	16.77	8.87	11.36	125	--	114
Sheridan	Medicine Lake	14.66	11.34	14.18	12.23	9.17	11.44	126	150	107
Valley	Glasgow	13.53	9.29	10.87	12.08	7.14	8.53	143	151	124
N. EAST	**Averages[3]**	**13.72**	**12.63**	**13.29**	**11.98**	**9.50**	**10.68**	**134**	**143**	
Broadwater	Townsend	12.70	12.68	11.44	11.04	9.99	8.49	114	103	--
Cascade	Great Falls	15.10	14.93	14.99	11.90	8.94	10.19	153	131	135
Fergus	Lewistown	12.63	19.77	17.47	9.34	12.55	13.12	107	120	107
Golden Valley	Barber	12.32	11.81	12.65	10.82	8.97	9.75	115	102	108
Judith Basin	Stanford	9.70	18.51	14.96[5]	12.02	12.36	11.19[5]	111	115	104
Lewis & Clark	Helena	10.07	11.33	11.38	8.64	7.31	7.98	116	116	134
Meagher	White Sul Spgs	13.53	14.58	17.51	11.73	11.60	10.90	110	102	97
Musselshell	Roundup	10.60	10.25	11.64	8.86	7.56	9.23	130	160	129
Petroleum	Flatwillow	9.58	12.15	13.45	10.04	8.28	10.57	--	117	122
Wheatland	Harlowtown	12.92	15.32	12.75	10.75	11.56	9.84	115	115	96
CENTRAL	**Averages[3]**	**13.10**	**15.68**	**15.09**	**10.48**	**10.70**	**10.78**	**99**	**94**	
Beaverhead	Dillon	10.15	8.49	9.55	9.40	5.54	8.45	74	93	99
Gallatin	Bozeman	19.36	20.74	18.66	15.02	15.31	12.10	86	123	107
Jefferson	Whitehall	12.97	12.32	9.63[4]	12.04	9.43	7.52[4]	61	38	--
Madison	Virginia City	16.28	18.06	15.93	12.88	13.05	11.05	61	40	94
Silver Bow	Butte	11.80	13.80	12.17	10.39	10.39	8.86	73	38	81
S. WEST	**Averages[3]**	**16.46**	**16.93**	**15.08**	**13.03**	**11.77**	**9.88**	**63**	**54**	
Big Horn	Crow Agency	14.15	17.85	14.87	9.24	8.51	10.18	--	152	125
Carbon	Red Lodge	25.22	22.56	23.20	16.70	11.37	15.06	62	111	104
Park	Livingston	12.30	15.13	14.89	10.43	11.38	10.68	115	116	116
Stillwater	Columbus	14.12	12.94	13.64	11.75	7.47	10.14	129	150	--
Sweet Grass	Big Timber	12.82	15.13	15.13	10.56	9.88	11.02	116	110	123
Treasure	Hysham	10.23	17.85	11.95[5]	8.66	13.14	8.72[5]	125	152	121
Yellowstone	Billings	14.51	12.25	14.15	9.96	5.12	9.51	155	167	132
S. CENTRAL	**Averages[3]**	**15.22**	**15.50**	**15.64**	**11.14**	**9.03**	**10.81**	**110**	**126**	
Carter	Ekalaka	15.29	16.84	15.22	12.94	10.00	12.02	115	138	122
Custer	Miles City	10.77	15.79	13.93	8.79	10.15	10.58	143	167	150
Fallon	Plevna	13.11	16.12	13.36	11.73	11.52	10.65	--	153	118
Powder River	Broadus	16.41	16.82	14.05	11.75	9.34	10.39	116	135	128
Prairie	Mildred	14.59	--	13.28	13.05	--	10.63	74	134	119
Rosebud	Forsyth	9.68	12.73	12.13	7.10	7.71	9.51	129	142	130
Wibaux	Wibaux	14.78	14.45	14.19	13.54	11.26	11.68	119	149	--
S. EAST	**Averages[3]**	**13.99**	**14.97**	**13.82**	**11.59**	**9.52**	**10.58**	**123**	**142**	

[1] In this Comparison the "first in fall" is the first freezing temperature after June 30.
[2] Normal for period 1941-1970.
[3] Average of all stations including some which are not listed on this table.
[4] Average for Whitehall Airport 1938-1959.
[5] Normal for period 1931-1960.
-- Data not available.

WINTER WHEAT

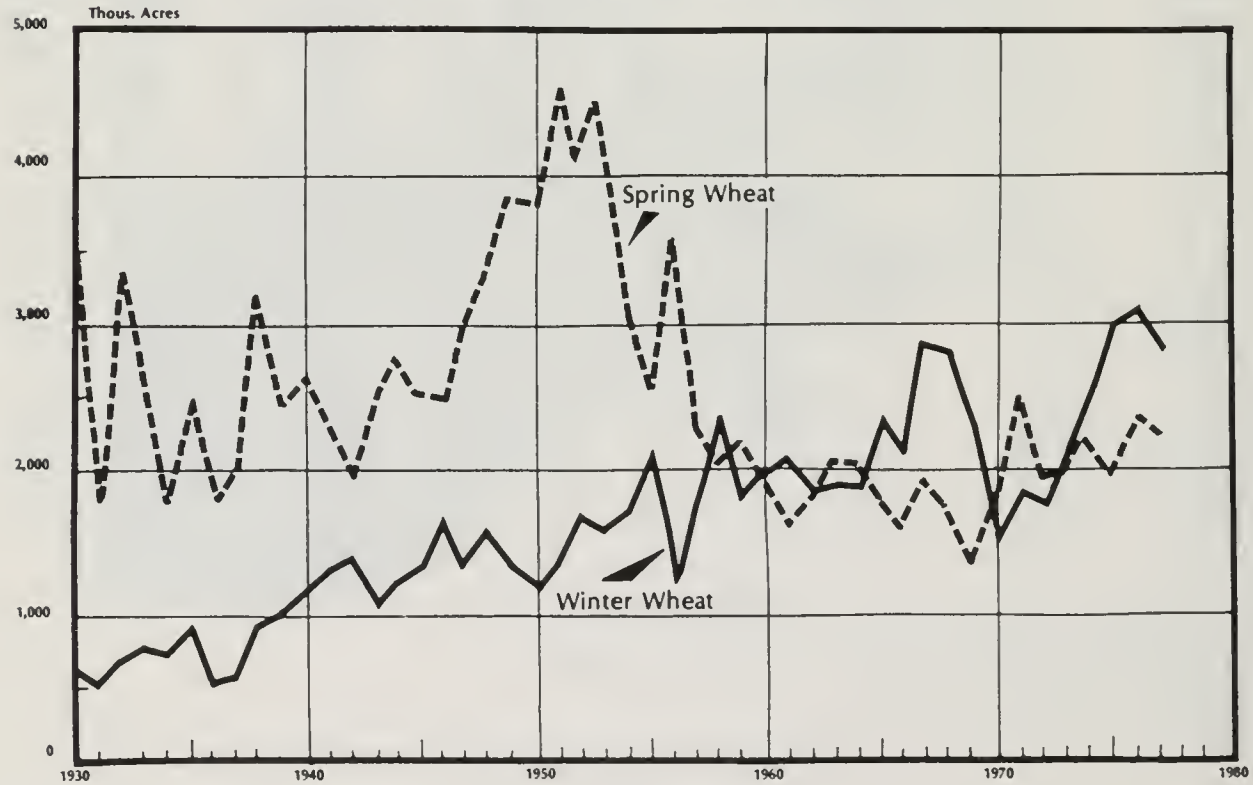
Acreage, Production, Price, Total Value and Value Per Acre

Year	ACRES		PRODUCTION		VALUE		
	Planted	Harvested for Grain	Yield Per Acre	Total	Price Per Bu.	Value of Production	Value Per Acre
			Bushels			Dollars	
1968	2,877,000	2,751,000	31.5	86,656,000	1.09	94,455,000	34.33
1969	2,556,000	2,416,000	26.0	62,816,000	1.16	72,867,000	30.16
1970	1,638,000	1,548,000	27.0	41,796,000	1.22	50,991,000	32.94
1971	1,913,000	1,827,000	30.0	54,810,000	1.17	64,128,000	35.10
1972	2,143,000	1,790,000	27.0	48,330,000	1.87	90,377,000	50.49
1973	2,200,000	2,080,000	26.5	55,120,000	4.18	230,402,000	110.77
1974	2,750,000	2,650,000	29.5	78,175,000	3.98	311,137,000	117.41
1975	3,100,000	3,000,000	35.0	105,000,000	3.34	350,700,000	116.90
1976	3,200,000	3,080,000	32.0	98,560,000	2.32	228,659,000	74.24
1977	3,050,000	2,800,000	29.0	81,200,000	2.30	182,760,000	65.27

Year	IRRIGATED			NOT IRRIGATED		
	Harvested for Grain	Yield Per Acre	Production	Harvested for Grain	Yield Per Acre	Production
	Acres	Bushels		Acres	Bushels	
1968	31,000	48.5	1,504,000	2,720,000	31.3	85,152,000
1969	29,000	45.0	1,305,000	2,387,000	25.8	61,511,000
1970	20,000	49.8	995,000	1,528,000	26.7	40,801,000
1971	23,100	54.0	1,247,400	1,803,900	29.7	53,562,600
1972	26,000	52.0	1,353,000	1,764,000	26.6	46,977,000
1973	21,000	48.8	1,025,000	2,059,000	26.3	54,095,000
1974	21,900	50.6	1,107,100	2,628,100	29.3	77,067,900
1975	22,200	54.9	1,218,900	2,977,800	34.9	103,781,100
1976	22,000	51.8	1,140,000	3,058,000	31.9	97,420,000
1977	19,000	53.0	1,007,000	2,781,000	28.8	80,193,000

ACRES HARVESTED

All Spring and Winter Wheat, 1930-1977



DURUM WHEAT

Acreage, Production, Price, Total Value and Value Per Acre

Year	ACRES		PRODUCTION		VALUE		
	Planted	Harvested for Grain	Yield Per Acre	Total	Price Per Bu.	Value of Production	Value Per Acre
			Bushels			Dollars	
1968	379,000	365,000	21.0	7,665,000	1.41	10,808,000	29.61
1969	235,000	230,000	31.0	7,130,000	1.25	8,913,000	38.75
1970	129,000	124,000	25.5	3,162,000	1.30	4,111,000	33.15
1971	168,000	160,000	23.0	3,680,000	1.26	4,637,000	28.98
1972	137,000	134,000	31.5	4,221,000	1.86	7,851,000	58.59
1973	185,000	182,000	22.0	4,004,000	5.90	23,624,000	129.80
1974	270,000	267,000	19.0	5,073,000	5.84	29,626,000	110.96
1975	380,000	375,000	27.0	10,125,000	4.48	45,360,000	120.96
1976	300,000	295,000	29.0	8,555,000	2.46	21,045,000	71.34
1977	230,000	220,000	22.0	4,840,000	2.60	12,584,000	57.20

Year	IRRIGATED			NOT IRRIGATED		
	Harvested for Grain	Yield Per Acre	Production	Harvested for Grain	Yield Per Acre	Production
	Acres	Bushels		Acres	Bushels	
1968	2,000	36.5	73,000	363,000	20.9	7,592,000
1969	2,000	42.0	84,000	228,000	30.9	7,046,000
1970	2,000	40.1	80,200	122,000	25.3	3,081,800
1971	1,000	41.3	41,300	159,000	22.9	3,638,700
1972	1,000	38.0	38,000	133,000	31.5	4,183,000
1973	800	39.5	31,600	181,200	21.9	3,972,400
1974	700	38.6	27,000	266,300	18.9	5,046,000
1975	4,000	45.3	181,200	371,000	26.8	9,943,800
1976	3,300	40.7	134,400	291,700	28.9	8,420,600
1977	3,600	37.8	135,900	216,400	21.7	4,704,100

SPRING WHEAT EXCLUDING DURUM

Acreage, Production, Price, Total Value and Value Per Acre

Year	ACRES		PRODUCTION		VALUE		
	Planted	Harvested for Grain	Yield Per Acre	Total	Price Per Bu.	Value of Production	Value Per Acre
			Bushels			Dollars	
1968	1,466,000	1,434,000	22.0	31,548,000	1.31	41,328,000	28.82
1969	1,129,000	1,104,000	27.0	29,808,000	1.36	40,539,000	36.72
1970	1,739,000	1,711,000	23.5	40,209,000	1.40	56,293,000	32.90
1971	2,435,000	2,327,000	23.0	53,521,000	1.29	69,042,000	29.67
1972	1,850,000	1,780,000	26.0	46,280,000	1.90	87,932,000	49.40
1973	1,850,000	1,790,000	21.0	37,590,000	4.16	156,374,000	87.36
1974	2,000,000	1,940,000	19.0	36,860,000	4.57	168,450,000	86.83
1975	1,650,000	1,600,000	25.5	40,800,000	4.01	163,608,000	102.26
1976	2,080,000	2,040,000	29.5	60,180,000	2.61	157,070,000	77.00
1977	2,120,000	2,040,000	22.0	44,880,000	2.50	112,200,000	55.00

Year	IRRIGATED			NOT IRRIGATED		
	Harvested for Grain	Yield Per Acre	Production	Harvested for Grain	Yield Per Acre	Production
	Acres	Bushels		Acres	Bushels	
1968	39,000	41.0	1,599,000	1,395,000	21.5	29,949,000
1969	32,000	38.2	1,223,000	1,072,000	26.7	28,585,000
1970	36,000	37.7	1,358,000	1,675,000	23.2	38,851,000
1971	42,000	40.2	1,690,300	2,285,000	22.7	51,830,700
1972	36,000	41.5	1,494,000	1,744,000	25.7	44,786,000
1973	34,300	41.3	1,418,300	1,755,700	20.6	36,171,700
1974	44,100	41.7	1,839,400	1,895,900	18.5	35,020,600
1975	56,100	44.1	2,471,400	1,543,900	24.8	38,328,600
1976	89,000	44.3	3,944,000	1,951,000	28.8	56,236,000
1977	77,000	45.4	3,492,000	1,963,000	21.1	41,388,000

ALL WHEAT

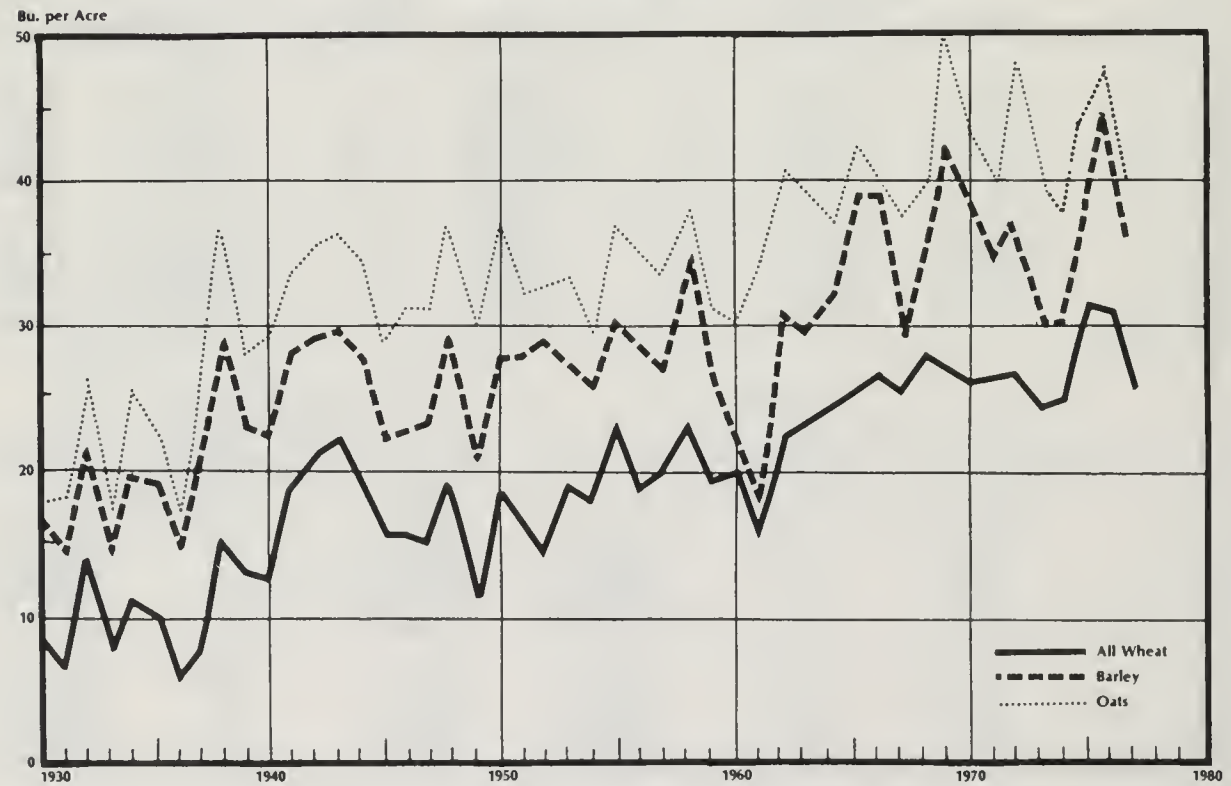
Acreage, Production, Price, Total Value and Value Per Acre

Year	ACRES		PRODUCTION		VALUE		
	Planted	Harvested for Grain	Yield Per Acre	Total	Price Per Bu.	Value of Production	Value Per Acre
			Bushels			Dollars	
1968	4,722,000	4,550,000	27.7	125,869,000	1.16	146,591,000	32.22
1969	3,920,000	3,750,000	26.6	99,754,000	1.23	122,319,000	32.62
1970	3,506,000	3,383,000	25.2	85,167,000	1.31	111,395,000	32.93
1971	4,516,000	4,314,000	26.0	112,011,000	1.23	137,807,000	31.94
1972	4,130,000	3,704,000	26.7	98,831,000	1.88	186,160,000	50.26
1973	4,235,000	4,052,000	23.9	96,714,000	4.24	410,400,000	101.28
1974	5,020,000	4,857,000	24.7	120,108,000	4.24	509,213,000	104.84
1975	5,130,000	4,975,000	31.3	155,925,000	3.59	559,668,000	112.50
1976	5,580,000	5,415,000	30.9	167,295,000	2.43	406,774,000	75.12
1977	5,400,000	5,060,000	25.9	130,920,000	2.38	311,544,000	61.57

Year	IRRIGATED			NOT IRRIGATED		
	Harvested for Grain	Yield Per Acre	Production	Harvested for Grain	Yield Per Acre	Production
	Acres	Bushels		Acres	Bushels	
1968	72,000	44.1	3,176,000	4,478,000	27.4	122,693,000
1969	63,000	41.5	2,612,000	3,687,000	26.3	97,142,000
1970	58,000	42.0	2,433,200	3,325,000	24.9	82,733,800
1971	66,100	45.1	2,979,000	4,247,900	25.7	109,032,000
1972	63,000	45.8	2,885,000	3,641,000	26.4	95,946,000
1973	56,100	44.1	2,474,900	3,995,900	23.6	94,239,100
1974	66,700	44.6	2,973,500	4,790,300	24.5	117,134,500
1975	82,300	47.0	3,871,500	4,892,700	31.1	152,053,500
1976	114,300	45.7	5,218,400	5,300,700	30.6	162,076,600
1977	99,600	46.5	4,634,900	4,960,400	25.5	126,285,100

YIELD PER ACRE

All Wheat, Barley and Oats, 1930-1977



OATS

Acreage, Production, Price, Total Value and Value Per Acre

Year	ACRES		PRODUCTION		VALUE		
	Planted	Harvested for Grain	Yield Per Acre	Total	Price Per Bu.	Value of Production	Value Per Acre
			Bushels			Dollars	
1968	332,000	206,000	40.0	8,240,000	.61	5,026,000	24.40
1969	562,000	356,000	49.5	17,622,000	.53	9,340,000	26.24
1970	781,000	545,000	42.0	22,890,000	.53	12,132,000	22.26
1971	420,000	236,000	40.0	9,440,000	.58	5,475,000	23.20
1972	490,000	246,000	48.0	11,808,000	.71	8,384,000	34.08
1973	400,000	225,000	39.0	8,775,000	1.17	10,267,000	45.63
1974	300,000	175,000	38.0	6,650,000	1.61	10,707,000	61.18
1975	260,000	170,000	44.0	7,480,000	1.45	10,846,000	63.80
1976	260,000	157,000	48.0	7,536,000	1.44	10,852,000	69.12
1977	312,000	140,000	40.0	5,600,000	1.30	7,280,000	52.00

Year	IRRIGATED			NOT IRRIGATED		
	Harvested for Grain	Yield Per Acre	Production	Harvested for Grain	Yield Per Acre	Production
	Acres	Bushels		Acres	Bushels	
1968	44,000	60.0	2,640,000	162,000	34.6	5,600,000
1969	50,000	59.0	2,950,000	306,000	47.9	14,672,000
1970	43,200	55.9	2,415,000	501,800	40.8	20,475,000
1971	31,600	57.9	1,831,000	204,400	37.2	7,609,000
1972	32,300	64.8	2,092,000	213,700	45.5	9,716,000
1973	30,000	58.5	1,755,000	195,000	36.0	7,020,000
1974	26,000	55.8	1,450,000	149,000	34.9	5,200,000
1975	32,000	60.0	1,920,000	138,000	40.3	5,560,000
1976	31,400	60.8	1,909,000	125,600	44.8	5,627,000
1977	27,700	61.6	1,705,000	112,300	34.7	3,895,000

BARLEY

Acreage, Production, Price, Total Value and Value Per Acre

Year	ACRES		PRODUCTION		VALUE		
	Planted	Harvested for Grain	Yield Per Acre	Total	Price Per Bu.	Value of Production	Value Per Acre
			Bushels			Dollars	
1968	1,200,000	1,155,000	37.0	42,735,000	.78	33,333,000	28.86
1969	1,680,000	1,617,000	42.0	67,914,000	.71	48,219,000	29.82
1970	1,800,000	1,714,000	38.0	65,132,000	.78	50,803,000	29.64
1971	1,740,000	1,680,000	35.0	58,800,000	.88	51,744,000	30.80
1972	1,820,000	1,707,000	37.5	64,013,000	1.22	78,096,000	45.75
1973	2,100,000	2,000,000	30.0	60,000,000	2.17	130,200,000	65.10
1974	1,370,000	1,250,000	30.0	37,500,000	2.61	97,875,000	78.30
1975	1,360,000	1,300,000	39.0	50,700,000	2.10	106,470,000	81.90
1976	1,220,000	1,170,000	44.5	52,065,000	2.03	105,692,000	90.34
1977	1,650,000	1,520,000	36.5	55,480,000	1.70	94,316,000	62.05

Year	IRRIGATED			NOT IRRIGATED		
	Harvested for Grain	Yield Per Acre	Production	Harvested for Grain	Yield Per Acre	Production
	Acres	Bushels		Acres	Bushels	
1968	93,000	54.5	5,067,000	1,062,000	35.5	37,668,000
1969	107,000	54.4	5,821,000	1,510,000	41.1	62,093,000
1970	91,000	56.0	5,096,000	1,623,000	37.0	60,036,000
1971	99,200	55.0	5,456,000	1,580,800	33.7	53,344,000
1972	105,000	60.6	6,365,000	1,602,000	36.0	57,648,000
1973	126,000	54.4	6,858,500	1,874,000	28.4	53,141,500
1974	139,400	49.5	6,897,000	1,110,600	27.6	30,603,000
1975	191,000	56.3	10,745,500	1,109,000	36.0	39,954,500
1976	211,000	59.5	12,565,000	959,000	41.2	39,500,000
1977	254,000	59.0	14,982,000	1,266,000	32.0	40,498,000

FLAXSEED

Acreage, Production, Price, Total Value and Value Per Acre
Principally Not Irrigated

Year	ACRES		PRODUCTION		VALUE		
	Planted	Harvested for Grain	Yield Per Acre	Total	Price Per Bu.	Value of Production	Value Per Acre
			Bushels			Dollars	
1968	8,000	7,000	11.0	77,000	2.53	195,000	27.86
1969	14,000	13,000	13.0	169,000	2.44	412,000	31.69
1970	25,000	23,000	11.0	253,000	2.15	544,000	23.65
1971	13,000	8,000	8.0	64,000	2.06	132,000	16.50
1972	10,000	8,000	13.0	104,000	2.79	290,000	36.25
1973	8,000	7,000	8.0	56,000	7.59	425,000	60.71
1974	6,000	5,000	8.0	40,000	8.60	344,000	68.80
1975	6,000	5,000	7.5	38,000	5.68	216,000	43.20
1976	5,500	5,000	10.0	50,000	6.75	338,000	67.60
1977	5,500	5,000	7.0	35,000	4.00	140,000	28.00

CORN

Acreage, Production, Price, Total Value, Value Per Acre, and Utilization

Year	TOTAL ACRES		FOR GRAIN					FOR SILAGE			GRAZING AND FORAGE
				Production		Value			Production		
	Planted	Harvested	Acres Harvested	Yield Per Acre	Total	Price Per Bu.	Value of Production	Acres Harvested	Yield Per Acre	Total	
				Bushels		Dollars			Tons		Acres
1968	70,000	68,000	4,000	75.0	300,000	1.26	378,000	45,000	15.0	675,000	19,000
1969	63,000	61,000	6,000	73.0	438,000	1.24	543,000	47,000	14.5	682,000	8,000
1970	62,000	61,000	4,000	72.0	288,000	1.40	403,000	48,000	15.5	744,000	9,000
1971	75,000	73,000	7,000	76.0	532,000	1.30	692,000	47,000	15.0	705,000	19,000
1972	80,000	79,000	6,000	78.0	468,000	1.48	693,000	68,000	16.5	1,122,000	5,000
1973	92,000	90,000	11,000	73.0	803,000	2.61	2,096,000	73,000	17.0	1,241,000	6,000
1974	95,000	92,000	13,000	65.0	845,000	3.43	2,898,000	73,000	16.0	1,168,000	6,000
1975	86,000	84,000	10,000	73.0	730,000	2.78	2,029,000	68,000	17.0	1,156,000	6,000
1976	86,000	84,000	11,000	75.0	825,000	2.45	2,021,000	68,000	16.0	1,088,000	5,000
1977	90,000	86,000	11,000	68.0	748,000	2.30	1,720,000	70,000	17.0	1,190,000	5,000

POTATOES

Acreage, Production, Price, Total Value and Value Per Acre
Principally Irrigated

Year	ACRES		PRODUCTION		VALUE		
	Planted	Harvested	Yield Per Acre	Total Cwt.	Price Per Cwt.	Value of Production	Value Per Acre
			Cwt.			Dollars	
1968	8,300	8,100	195	1,580,000	3.95	6,241,000	770.49
1969	7,500	7,000	205	1,435,000	3.77	5,410,000	772.86
1970	7,800	7,500	205	1,538,000	2.83	4,353,000	580.40
1971	8,000	7,800	180	1,404,000	3.15	4,423,000	567.05
1972	7,700	7,500	220	1,650,000	5.05	8,333,000	1,111.07
1973	7,000	6,800	215	1,462,000	10.80	15,790,000	2,322.06
1974	7,200	7,000	250	1,750,000	4.95	8,663,000	1,237.57
1975	7,700	7,600	230	1,748,000	6.60	11,537,000	1,518.03
1976	8,500	8,400	215	1,806,000	4.50	8,127,000	967.50
1977	8,500	8,400	240	2,016,000	4.50	9,072,000	1,080.00

DRY BEANS

Acreage, Production, Price, Total Value and Value Per Acre
Principally Irrigated

Year	ACRES		PRODUCTION		VALUE		
	Planted	Harvested	Yield Per Acre	Total Cwt.	Price Per Cwt.	Value of Production	Value Per Acre
			100-Lb. Bags (Cleaned)				
1968	9,000	9,000	18.00	162,000	6.00	972,000	108.00
1969	9,000	9,000	15.00	135,000	7.70	1,040,000	115.56
1970	11,000	11,000	17.00	187,000	7.20	1,346,000	122.36
1971	11,000	11,000	16.00	176,000	8.70	1,531,000	139.18
1972	11,000	11,000	17.00	187,000	8.40	1,571,000	142.82
1973	9,000	9,000	18.00	162,000	20.00	3,240,000	360.00
1974	11,000	11,000	14.00	126,000	25.80	3,251,000	295.55
1975	12,000	11,000	16.00	176,000	13.30	2,341,000	228.82
1976	9,000	9,000	17.00	153,000	11.70	1,790,000	198.89
1977	6,700	6,500	16.00	104,000	23.00	2,392,000	398.00

SUGARBEETS

Acreage, Production, Price, Total Value and Value Per Acre
All Irrigated

Year	ACRES		PRODUCTION		VALUE			
	Planted	Harvested	Yield Per Acre	Total	Price Per Ton[1]	Value of Production[1]	Value Per Acre[1]	Gov. Payments Per Ton
			Tons			Dollars		
1968	67,500	65,700	15.7	1,034,000	15.00	15,510,000	236.07	2.33
1969	68,900	67,500	17.9	1,206,000	13.90	16,763,000	248.34	2.22
1970	58,000	56,900	16.2	922,000	15.20	14,014,000	246.29	2.17
1971	50,300	46,700	19.6	916,000	15.00	13,740,000	294.22	2.20
1972	45,800	45,200	18.6	842,000	17.60	14,819,000	327.85	2.21
1973	45,900	44,600	19.8	883,000	35.50	31,347,000	702.85	2.16
1974	44,700	43,900	18.7	820,000	52.50	43,050,000	980.64	2.24
1975	48,700	48,500	17.1	829,000	30.20	25,036,000	516.21	[3]
1976	46,400	46,100	21.0	968,000	22.40	21,683,000	470.35	[3]
1977	46,400	45,000	19.9	896,000	25.20[2]	22,579,000	501.76	[3]

[1]Excludes Government payments.
[2]Preliminary.
[3]No program.

ALFALFA SEED

Acreage, Production, Price, Total Value and Value Per Acre

Year	ACRES	PRODUCTION		VALUE		
	Harvested	Yield Per Acre	Total	Price Per Cwt.	Value of Production	Value Per Acre
		Pounds (Cleaned)			Dollars	
1968	31,000	65	2,015,000	32.70	659,000	21.26
1969	21,000	90	1,890,000	34.10	644,000	30.67
1970	50,000	110	5,500,000	27.30	1,502,000	30.04
1971	25,000	95	2,375,000	25.60	608,000	24.32
1972	12,000	80	960,000	41.70	400,000	33.33
1973	30,000	105	3,150,000	94.00	2,961,000	98.70
1974	30,000	90	2,700,000	61.00	1,647,000	54.90
1975	12,000	85	1,020,000	53.00	541,000	45.08
1976	24,000	100	2,400,000	93.50	2,244,000	93.50
1977	39,000	90	3,510,000	105.00	3,686,000	94.51

Year	IRRIGATED			NOT IRRIGATED		
	Acres Harvested	Yield Per Acre	Production	Acres Harvested	Yield Per Acre	Production
		Pounds (Cleaned)			Pounds (Cleaned)	
1968	9,000	90	810,000	22,000	55	1,205,000
1969	9,500	133	1,260,000	11,500	55	630,000
1970	13,000	131	1,699,000	37,000	103	3,801,000
1971	6,000	116	693,000	19,000	89	1,682,000
1972	2,000	98	196,400	10,000	76	763,600
1973	11,000	117	1,288,000	19,000	98	1,862,000
1974	8,000	109	872,000	22,000	83	1,828,000
1975	3,000	124	372,000	9,000	72	648,000
1976	6,500	114	740,000	17,500	95	1,660,000
1977	9,900	114	1,127,000	29,100	82	2,383,000

SWEET CHERRIES

Production, Price and Value

Year	PRODUCTION		VALUE	
	Production	Production Having Value	Average Price Per Ton	Value of Production
	Tons		Dollars	Thousand Dollars
1968	1,430	1,430	524.00	749
1969	610	610	535.00	326
1970	1,400	1,270	313.00	398
1971	2,840	2,840	415.00	1,179
1972	1,200	1,200	478.00	574
1973	2,510	2,510	670.00	1,682
1974	1,650	1,650	532.00	878
1975	2,400	2,400	599.00	1,438
1976	2,650	2,650	415.00	1,100
1977	2,600	2,550	518.00	1,321

ALL HAY

Acreage, Production, Price, Total Value and Value Per Acre

Year	ACRES	PRODUCTION		VALUE		
	Harvested	Yield Per Acre	Total	Price Per Ton Baled	Value of Production	Value Per Acre
		Tons			Dollars	
1968	2,204,000	1.63	3,603,000	22.50	81,068,000	36.78
1969	2,370,000	1.63	3,854,000	24.00	92,496,000	39.03
1970	2,447,000	1.67	4,081,000	22.50	91,823,000	37.52
1971	2,355,000	1.64	3,872,000	27.50	106,480,000	42.21
1972	2,420,000	1.75	4,227,000	32.00	135,264,000	55.89
1973	2,380,000	1.69	4,012,000	57.00	228,684,000	96.09
1974	2,320,000	1.74	4,047,000	45.50	184,139,000	79.37
1975	2,330,000	1.82	4,248,000	42.00	178,416,000	76.57
1976	2,210,000	1.80	3,978,000	47.50	188,955,000	85.50
1977	2,240,000	1.74	3,907,000	56.00	218,792,000	97.68

	IRRIGATED			NOT IRRIGATED		
	Acres Harvested	Yield Per Acre	Production	Acres Harvested	Yield Per Acre	Production
		Tons			Tons	
1968	1,210,400	2.06	2,493,000	993,600	1.12	1,110,000
1969	1,239,000	2.04	2,528,000	1,131,000	1.17	1,326,000
1970	1,171,400	2.14	2,506,800	1,275,600	1.23	1,574,200
1971	1,145,000	2.19	2,510,000	1,210,000	1.13	1,362,000
1972	1,187,000	2.26	2,683,000	1,233,000	1.25	1,544,000
1973	1,329,000	2.13	2,835,000	1,051,000	1.12	1,177,000
1974	1,270,200	2.23	2,833,000	1,049,800	1.16	1,214,000
1975	1,240,800	2.21	2,742,000	1,089,200	1.38	1,506,000
1976	1,193,000	2.19	2,612,700	1,017,000	1.34	1,365,300
1977	1,114,200	2.27	2,527,400	1,125,800	1.23	1,379,600

ALFALFA HAY

Acreage and Production

	TOTAL			IRRIGATED			NOT IRRIGATED		
	Acres Harvested	Yield Per Acre	Production	Acres Harvested	Yield Per Acre	Production	Acres Harvested	Yield Per Acre	Production
		Tons			Tons			Tons	
1968	1,107,000	2.05	2,269,000	646,000	2.57	1,660,000	461,000	1.32	609,000
1969	1,118,000	2.05	2,292,000	652,000	2.60	1,695,000	466,000	1.28	597,000
1970	1,162,000	2.15	2,498,000	628,900	2.72	1,713,400	533,100	1.47	784,600
1971	1,160,000	2.05	2,378,000	630,000	2.72	1,713,000	530,000	1.25	665,000
1972	1,200,000	2.15	2,580,000	679,400	2.72	1,847,200	520,600	1.41	732,800
1973	1,220,000	2.10	2,562,000	760,000	2.61	1,984,000	460,000	1.26	578,000
1974	1,220,000	2.10	2,562,000	693,000	2.75	1,905,700	527,000	1.25	656,300
1975	1,230,000	2.30	2,829,000	683,700	2.77	1,893,600	546,300	1.71	935,400
1976	1,170,000	2.20	2,574,000	652,800	2.77	1,807,200	517,200	1.48	766,800
1977	1,170,000	2.15	2,516,000	616,500	2.75	1,697,100	553,500	1.48	818,900

OTHER HAY

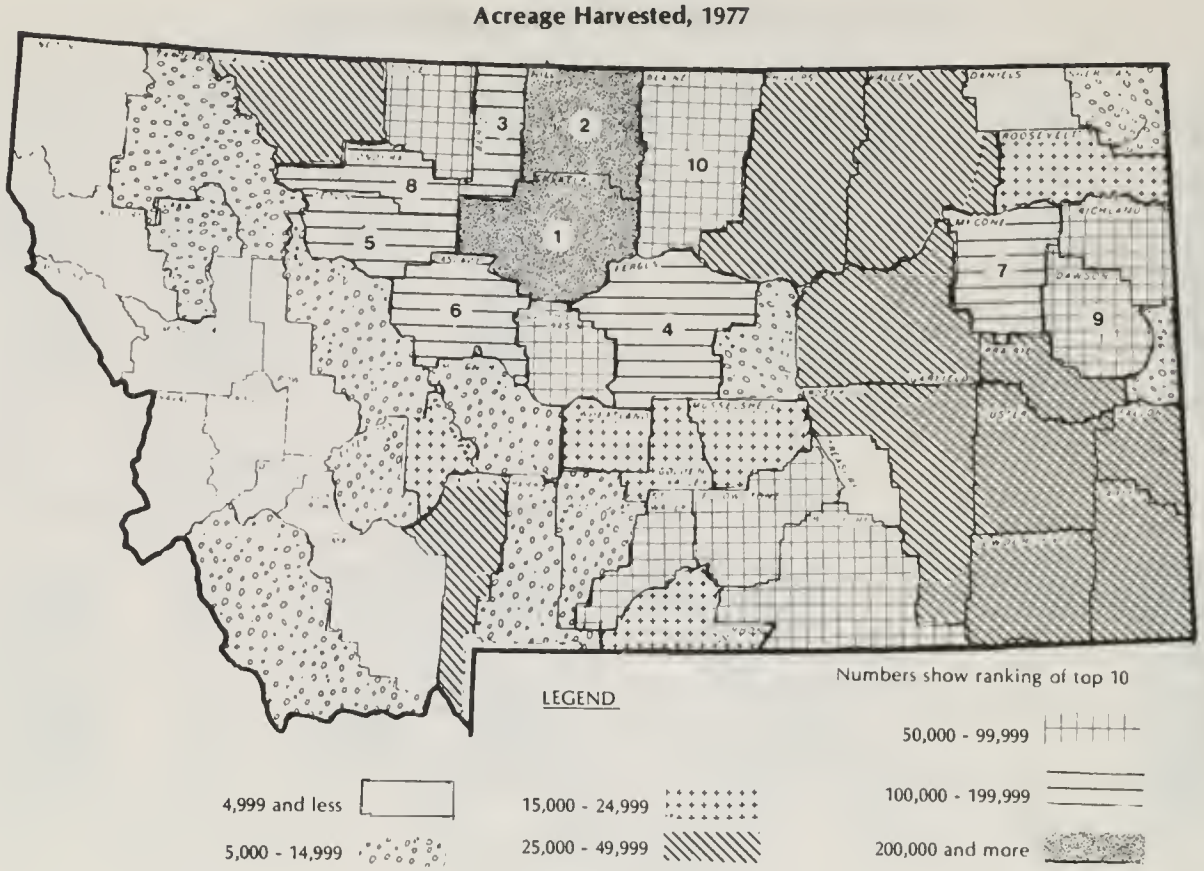
Acreage and Production

	WILD HAY			ALL OTHER HAY[1]		
	Acres Harvested	Yield Per Acre	Production	Acres Harvested	Yield Per Acre	Production
		Tons			Tons	
1968	480,000	1.05	504,000	617,000	1.35	830,000
1969	520,000	1.05	546,000	732,000	1.39	1,016,000
1970	520,000	1.10	572,000	765,000	1.32	1,011,000
1971	634,000	1.10	697,000	561,000	1.42	797,000
1972	590,000	1.20	708,000	630,000	1.49	939,000
1973	540,000	1.10	594,000	620,000	1.38	856,000
1974	510,000	1.26	643,000	590,000	1.43	842,000
1975	510,000	1.20	612,000	590,000	1.37	807,000
1976	540,000	1.21	654,000	500,000	1.50	750,000
1977	500,000	1.20	600,000	570,000	1.38	791,000

[1]Includes clover-timothy, grain and other hay.

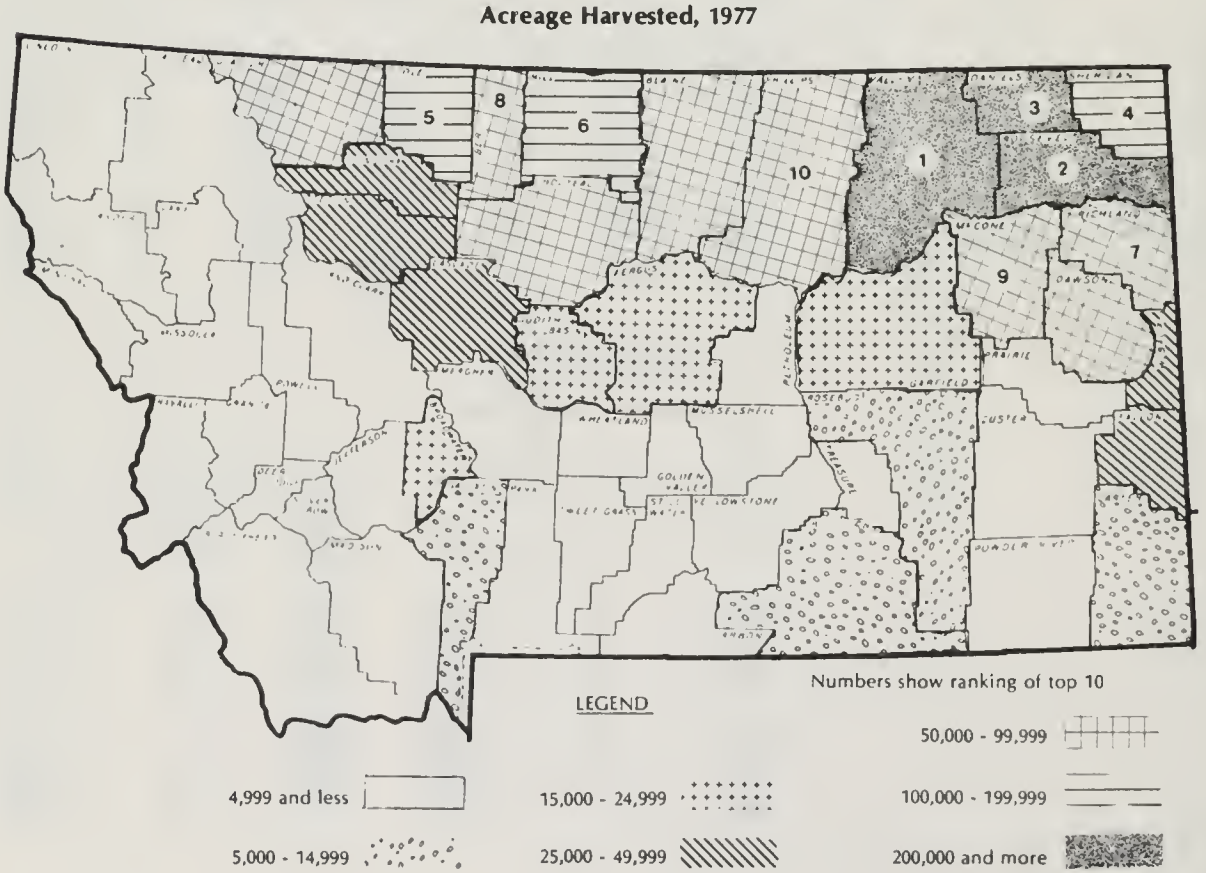
WINTER WHEAT

Acreage Harvested, 1977



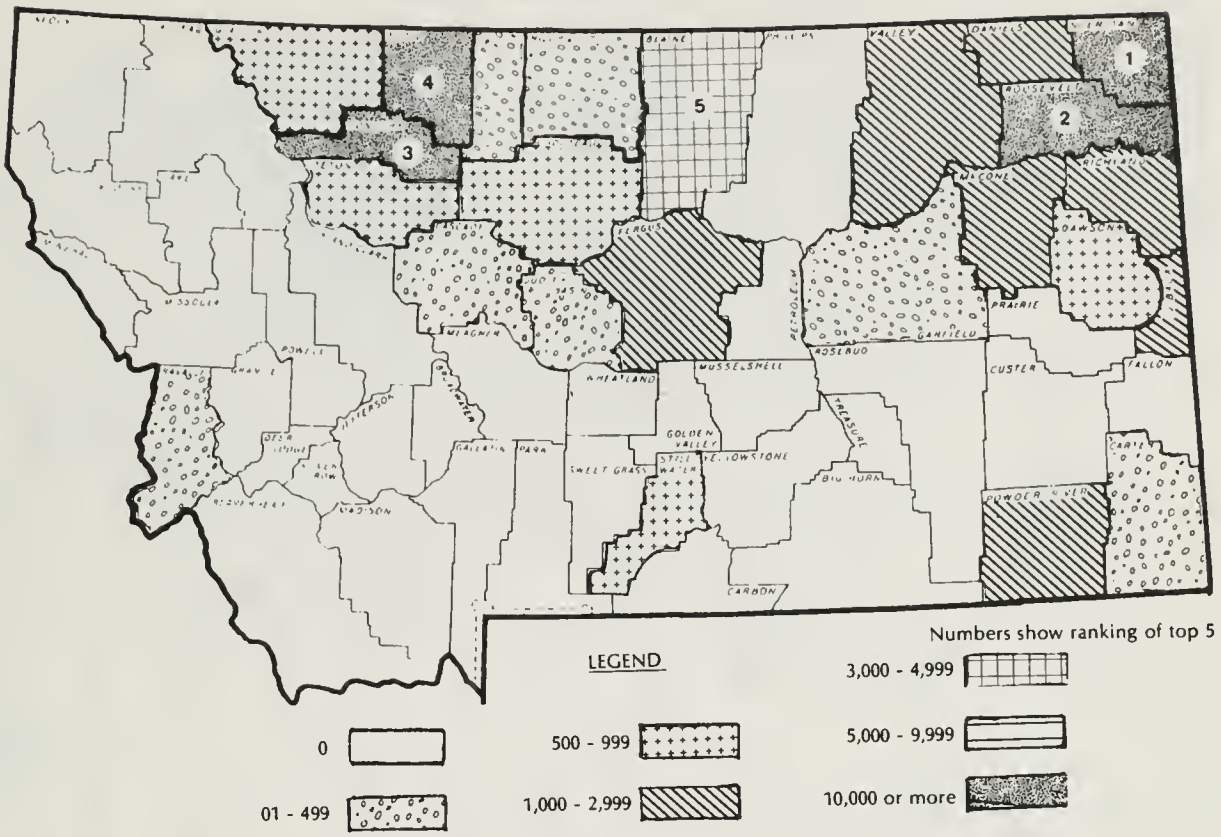
SPRING WHEAT, EXCLUDING DURUM

Acreage Harvested, 1977



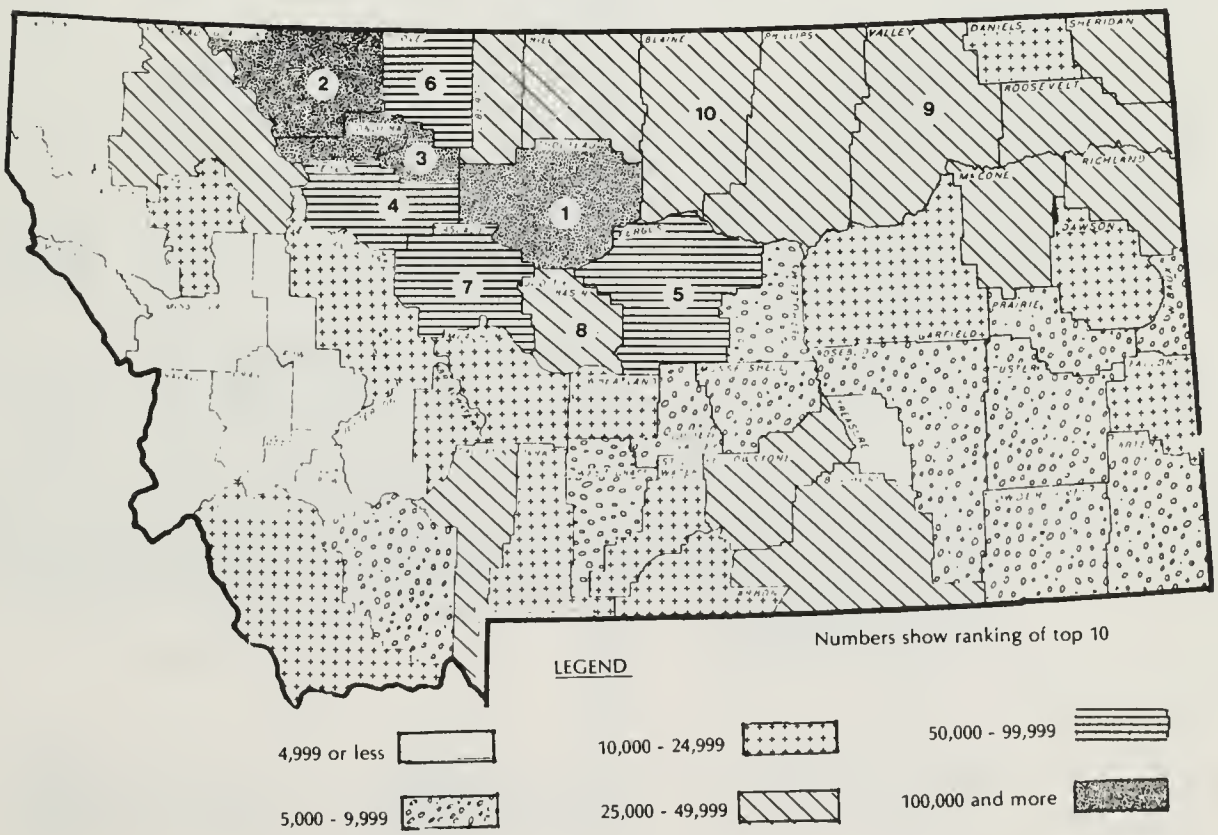
DURUM WHEAT

Acreage Harvested, 1977



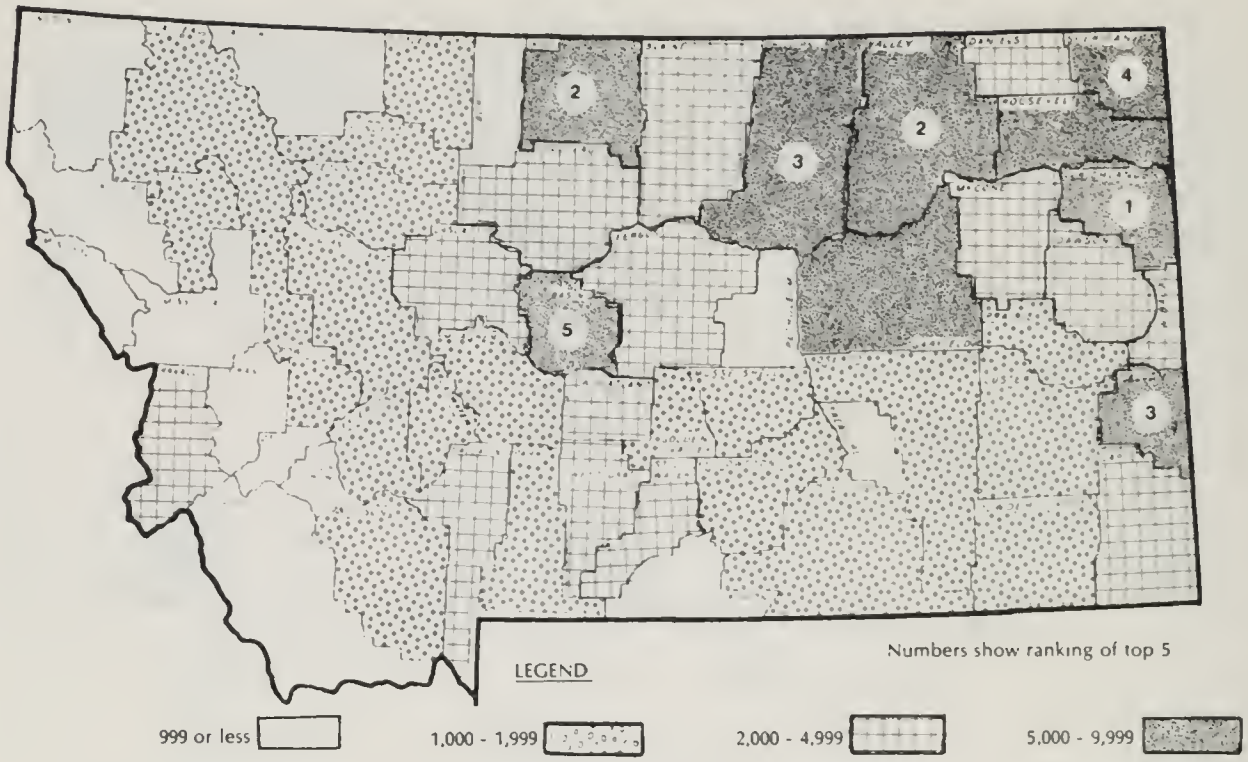
BARLEY

Acreage Harvested, 1977



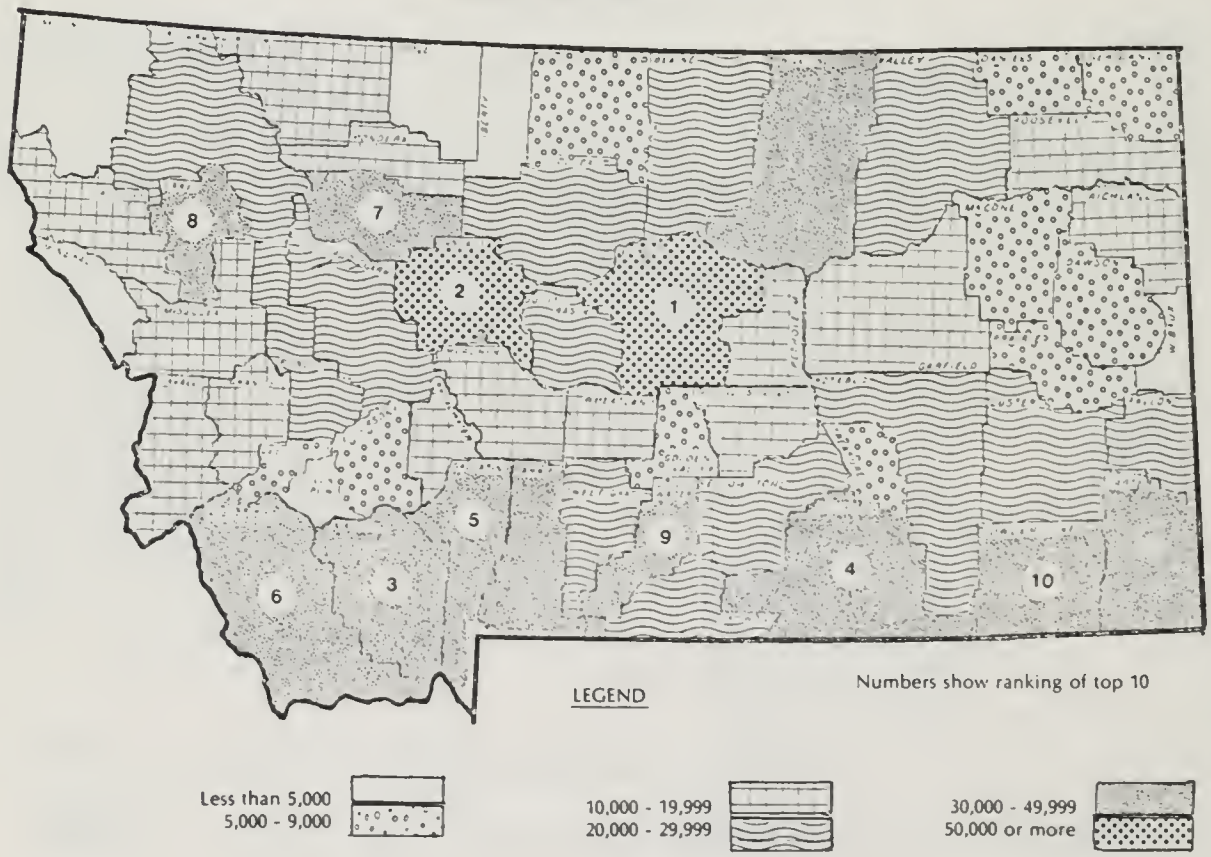
OATS

Acreage Harvested, 1977



ALFALFA HAY

Acreage Harvested, 1977



PRICES RECEIVED BY MONTANA FARMERS

Selected Commodities, by Months, 1974-1978

Crop And Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Annual Avg.
							Dollars Per Bushel						
ALL WHEAT													
1974..	5.17	5.45	4.88	3.92	3.46	3.96	4.36	4.26	4.20	4.75	4.84	4.60	4.49
1975..	4.18	3.98	3.66	3.63	3.38	3.23	3.60	3.87	3.93	3.87	3.41	3.32	3.67
1976..	3.37	3.51	3.42	3.40	3.33	3.35	3.35	2.83	2.67	2.41	2.31	2.26	3.02
1977..	2.42	2.40	2.43	2.45	2.32	2.13	2.07	2.05	2.15	2.24	2.34	2.41	2.28
1978..	2.41	2.48	2.53	2.68	2.70	2.72	2.65						
WINTER WHEAT													
1974..	5.10	5.40	4.84	3.79	3.30	3.76	4.02	3.95	3.90	4.53	4.59	4.38	4.30
1975..	3.97	3.79	3.41	3.34	3.05	2.93	3.29	3.56	3.65	3.62	3.15	3.10	3.41
1976..	3.15	3.29	3.19	3.17	3.08	3.14	3.09	2.64	2.60	2.34	2.23	2.23	2.85
1977..	2.31	2.35	2.37	2.39	2.27	2.04	2.01	1.99	2.04	2.17	2.27	2.33	2.21
1978..	2.33	2.39	2.47	2.61	2.67	2.66	2.60						
SPRING WHEAT EXCLUDING DURUM													
1974..	5.05	5.33	4.77	3.93	3.53	4.12	4.65	4.63	4.62	5.04	5.17	4.88	4.64
1975..	4.44	4.17	4.01	4.01	3.78	3.69	4.07	4.32	4.32	4.22	3.84	3.69	4.05
1976..	3.76	3.93	3.83	3.83	3.82	3.79	3.87	3.22	2.82	2.55	2.45	2.34	3.35
1977..	2.61	2.53	2.56	2.53	2.42	2.26	2.21	2.19	2.27	2.35	2.43	2.53	2.41
1978..	2.57	2.57	2.64	2.80	2.77	2.76	2.72						
BARLEY													
1974..	2.34	2.46	2.37	1.93	1.95	2.20	2.21	2.55	2.63	2.77	3.04	3.00	2.45
1975..	2.85	2.48	2.18	2.40	2.46	2.31	2.19	2.36	2.39	2.27	1.98	1.94	2.32
1976..	1.97	2.05	2.06	2.00	2.06	2.17	2.18	2.05	2.12	1.98	1.88	1.87	2.03
1977..	2.08	2.00	2.12	2.07	2.05	1.85	1.81	1.50	1.44	1.43	1.53	1.65	1.79
1978..	1.71	1.72	1.87	1.96	1.88	1.85	1.72						
							Dollars Per Ton						
ALL HAY													
1974..	62.50	63.00	60.00	60.50	60.00	53.00	48.50	49.00	46.00	43.00	42.50	45.00	52.75
1975..	45.50	43.50	43.00	46.50	51.00	48.50	47.50	45.00	39.50	40.00	40.50	41.50	44.33
1976..	42.50	42.00	42.50	41.00	39.50	42.00	44.50	46.00	45.50	45.50	45.50	47.00	43.63
1977..	48.00	49.50	50.50	51.00	50.00	52.50	55.50	58.00	55.00	54.00	54.00	53.50	52.63
1978..	56.00	58.50	61.00	59.00	54.50	48.00	44.50						
							Dollars Per Hundredweight						
STEERS & HEIFERS													
1974..	49.30	48.20	43.30	41.30	39.00	33.40	37.30	38.10	30.90	29.20	28.20	27.60	37.15
1975..	27.20	24.90	26.20	29.50	34.40	37.00	35.80	33.10	34.10	35.60	34.80	34.70	32.28
1976..	34.00	36.70	36.30	39.70	40.10	38.00	36.30	34.60	34.00	33.30	33.30	34.00	35.86
1977..	34.00	34.90	35.10	36.50	37.50	37.00	37.80	37.10	37.50	38.00	37.50	37.50	36.70
1978..	39.80	43.90	46.00	50.70	53.40	55.50	54.90						
COWS													
1974..	32.40	33.40	32.90	30.70	28.40	26.80	25.40	25.00	21.80	18.70	16.50	16.40	25.70
1975..	16.20	16.50	17.90	19.80	22.80	22.60	22.40	21.20	21.00	21.00	20.90	20.60	20.24
1976..	21.50	24.40	26.30	28.80	29.70	28.30	27.30	25.40	24.50	22.50	21.00	20.60	25.03
1977..	22.10	23.60	25.70	26.90	25.80	25.50	25.80	25.30	25.30	24.00	23.00	23.50	24.71
1978..	26.60	30.30	33.20	35.90	40.10	40.40	41.70						
CALVES													
1974..	56.50	54.70	49.80	47.20	41.60	36.40	37.00	34.40	28.80	27.50	27.20	26.50	38.97
1975..	24.60	24.00	24.50	28.70	32.80	32.40	35.50	28.00	27.90	29.00	32.70	36.90	29.75
1976..	36.50	39.10	38.80	43.00	42.30	42.40	39.00	36.30	35.70	35.00	36.40	37.50	38.50
1977..	37.00	38.00	38.90	40.60	40.50	40.00	40.50	41.00	43.00	43.00	41.00	41.00	40.38
1978..	44.40	49.70	54.00	57.30	63.60	63.70	62.00						
LAMBS													
1974..	38.00	38.90	35.00	34.00	35.00	42.90	36.00	35.90	29.90	31.40	35.00	35.00	35.58
1975..	36.00	35.30	37.80	39.80	40.00	43.20	39.50	35.50	37.90	41.40	43.60	46.20	39.68
1976..	45.90	47.80	48.60	50.60	53.20	51.00	46.80	42.00	42.40	43.20	42.10	44.50	46.51
1977..	47.90	50.70	49.40	49.20	50.30	48.10	50.50	59.00	51.00	53.00	53.60	57.50	50.85
1978..	61.00	64.20	67.50	65.30	66.30	65.10	63.20						
HOGS													
1974..	38.60	38.70	33.30	30.50	26.90	25.10	31.30	34.20	32.40	35.50	35.90	36.60	33.25
1975..	37.50	37.60	37.40	38.30	42.90	43.60	52.40	54.30	56.30	57.80	47.30	46.20	45.97
1976..	45.70	46.80	45.30	45.30	46.00	47.10	47.65	41.20	39.50	32.20	29.80	33.50	41.67
1977..	36.00	38.20	36.10	34.80	37.30	39.90	43.00	39.30	38.90	37.20	36.90	37.80	37.95
1978..	36.60	44.90	44.30	44.40	46.70	45.20	46.40						

ALL WHEAT — 1976

Acreage, Yield, Production and Value by Counties

COUNTY & DISTRICT	ACRES				Yield per Acre	PRO-DUCTION	VALUE
	Gross Seeded	Re-Seeded[1]	Net Seeded	Harvested for Grain			
					Bushels		Dollars
Deer Lodge	300	—	300	300	37.0	11,100	29,200
Flathead	20,400	400	20,000	19,500	51.7	1,008,400	2,489,300
Granite	700	—	700	700	36.0	25,200	66,300
Lake	18,600	100	18,500	17,900	43.3	774,400	1,917,500
Lincoln	200	—	200	200	44.0	8,800	23,200
Mineral	500	—	500	500	34.4	17,200	44,800
Missoula	5,600	—	5,600	5,400	32.4	175,100	443,400
Powell	1,000	—	1,000	1,000	38.0	38,000	99,000
Ravalli	3,600	—	3,600	3,500	32.3	113,100	283,800
Sanders	6,000	—	6,000	5,700	31.5	179,800	443,900
N. WEST	**56,900**	**500**	**56,400**	**54,700**	**43.0**	**2,351,100**	**5,840,400**
Blaine	181,000	400	180,600	177,300	29.2	5,184,700	12,947,100
Chouteau	606,400	1,800	604,600	586,600	33.6	19,694,000	47,256,200
Glacier	93,500	500	93,000	91,500	34.8	3,181,600	8,367,300
Hill	540,000	500	539,500	523,200	29.8	15,584,700	37,826,900
Liberty	212,900	1,200	211,700	206,700	32.7	6,764,700	16,784,300
Phillips	123,000	100	122,900	121,300	27.8	3,377,900	8,664,700
Pondera	219,900	1,600	218,300	213,200	37.9	8,071,000	19,757,100
Teton	178,400	4,600	173,800	171,100	34.1	5,842,500	14,319,200
Toole	265,800	500	265,300	261,300	33.0	8,623,600	22,252,900
N. CENTRAL	**2,420,900**	**11,200**	**2,409,700**	**2,352,200**	**32.4**	**76,324,700**	**188,177,700**
Daniels	233,100	200	232,900	229,600	30.9	7,088,200	18,079,700
Dawson	147,200	2,200	145,000	141,700	28.0	3,962,800	9,291,900
Garfield	91,600	2,100	89,500	86,100	24.6	2,117,600	5,133,400
McCone	215,200	700	214,500	208,300	27.3	5,680,400	13,527,400
Richland	132,100	700	131,400	128,900	28.4	3,664,900	8,885,000
Roosevelt	332,100	300	331,800	326,200	28.9	9,413,900	23,709,200
Sheridan	288,400	200	288,200	285,000	29.8	8,487,800	20,892,300
Valley	324,700	600	324,100	318,100	28.0	8,902,400	22,513,100
N. EAST	**1,764,400**	**7,000**	**1,757,400**	**1,723,900**	**28.6**	**49,318,000**	**122,032,000**
Broadwater	26,000	—	26,000	25,600	39.8	1,018,800	2,456,700
Cascade	169,600	2,300	167,300	162,700	32.8	5,334,100	12,382,300
Fergus	203,000	2,900	200,100	195,800	32.0	6,269,800	14,414,100
Golden Valley	26,400	400	26,000	25,200	26.9	677,800	1,547,700
Judith Basin	80,600	700	79,900	78,000	31.0	2,416,900	5,608,600
Lewis & Clark	16,800	100	16,700	16,200	32.9	532,700	1,281,300
Meagher	6,400	—	6,400	6,200	30.1	186,500	428,900
Musselshell	24,500	—	24,500	23,700	27.9	660,800	1,509,400
Petroleum	4,100	—	4,100	3,800	23.9	90,700	208,900
Wheatland	17,900	100	17,800	17,100	27.4	467,700	1,079,300
CENTRAL	**575,300**	**6,500**	**568,800**	**554,300**	**31.9**	**17,655,800**	**40,917,200**
Beaverhead	11,600	—	11,600	11,000	30.5	335,000	840,100
Gallatin	51,400	800	50,600	49,700	43.5	2,161,900	5,265,500
Jefferson	9,700	—	9,700	9,200	26.2	241,100	578,300
Madison	18,600	—	18,600	17,700	37.3	660,800	1,592,200
Silver Bow	400	—	400	300	25.3	7,600	18,900
S. WEST	**91,700**	**800**	**90,900**	**87,900**	**38.8**	**3,406,400**	**8,295,000**
Big Horn	83,300	400	82,900	80,100	32.3	2,584,600	5,748,000
Carbon	22,800	—	22,800	22,000	31.5	693,000	1,557,100
Park	28,500	600	27,900	27,500	28.0	770,300	1,715,900
Stillwater	89,300	—	89,300	87,000	27.9	2,428,200	5,360,700
Sweet Grass	7,600	500	7,100	6,900	26.0	179,400	399,200
Treasure	8,800	—	8,800	8,300	35.5	294,300	667,100
Yellowstone	93,700	200	93,500	90,700	29.5	2,671,300	5,932,600
S. CENTRAL	**334,000**	**1,700**	**332,300**	**322,500**	**29.8**	**9,621,100**	**21,380,600**
Carter	24,800	500	24,300	24,100	24.7	594,100	1,373,700
Custer	22,000	400	21,600	20,600	26.0	536,500	1,226,600
Fallon	82,000	600	81,400	78,300	25.2	1,974,600	4,674,200
Powder River	49,800	400	49,400	47,500	29.7	1,409,900	3,180,400
Prairie	49,500	500	49,000	47,100	28.0	1,319,000	2,971,500
Rosebud	46,800	300	46,500	44,100	28.7	1,266,800	2,923,400
Wibaux	61,900	100	61,800	57,800	26.2	1,517,000	3,780,400
S. EAST	**336,800**	**2,800**	**334,000**	**319,500**	**27.0**	**8,617,900**	**20,130,200**
STATE	**5,580,000**	**30,500**	**5,549,500**	**5,415,000**	**30.9**	**167,295,000**	**406,773,100**

[1]Winter wheat reseeded to spring wheat.

ALL WHEAT — 1977

Acreage, Yield, Production and Value by Counties

COUNTY & DISTRICT	ACRES				Yield per Acre	PRO-DUCTION	VALUE
	Gross Seeded	Re-Seeded[1]	Net Seeded	Harvested for Grain			
					Bushels		Dollars
Deer Lodge	500	—	500	500	39.8	19,900	58,300
Flathead	11,900	—	11,900	11,200	45.8	512,800	1,315,900
Granite	800	—	800	800	37.0	29,600	86,700
Lake	10,700	—	10,700	9,900	43.2	427,200	1,106,400
Lincoln	100	—	100	100	42.0	4,200	12,300
Mineral	200	—	200	200	32.5	6,500	17,800
Missoula	2,000	—	2,000	1,800	33.8	60,800	159,900
Powell	2,400	—	2,400	2,300	34.4	79,100	209,200
Ravalli	5,900	—	5,900	5,700	40.2	229,300	585,100
Sanders	3,600	—	3,600	3,400	33.0	112,200	286,700
N. WEST	**38,100**	**—**	**38,100**	**35,900**	**41.3**	**1,481,600**	**3,838,300**
Blaine	172,800	2,000	170,800	154,200	27.6	4,256,500	10,441,900
Chouteau	498,600	1,500	497,100	472,800	32.0	15,137,200	35,784,900
Glacier	107,800	3,500	104,300	93,800	22.1	2,068,600	5,128,000
Hill	535,600	6,000	529,600	505,200	27.0	13,619,200	32,377,400
Liberty	254,800	2,000	252,800	239,900	23.3	5,587,900	13,399,900
Phillips	129,500	2,500	127,000	119,300	27.2	3,248,700	8,113,700
Pondera	168,600	3,400	165,200	155,400	29.7	4,613,800	11,091,400
Teton	170,700	1,500	169,200	160,400	30.9	4,950,700	11,755,100
Toole	249,700	2,000	247,700	237,400	20.4	4,831,800	12,024,500
N. CENTRAL	**2,288,100**	**24,400**	**2,263,700**	**2,138,400**	**27.3**	**58,314,400**	**140,116,800**
Daniels	255,000	100	254,900	242,900	23.9	5,810,200	14,142,900
Dawson	164,200	1,000	163,200	153,400	21.2	3,249,900	7,405,300
Garfield	71,500	1,000	70,500	65,000	20.5	1,335,200	3,016,800
McCone	210,700	1,500	209,200	195,100	18.7	3,640,500	8,327,400
Richland	156,600	1,000	155,600	142,300	22.7	3,226,600	7,534,400
Roosevelt	320,300	1,500	318,800	307,000	20.1	6,161,600	14,959,500
Sheridan	297,500	200	297,300	288,200	24.3	6,993,400	17,363,100
Valley	323,500	1,500	322,000	306,800	21.8	6,680,600	16,085,300
N. EAST	**1,799,300**	**7,800**	**1,791,500**	**1,700,700**	**21.8**	**37,098,000**	**88,834,700**
Broadwater	34,200	—	34,200	33,200	37.4	1,240,300	3,058,600
Cascade	162,100	500	161,600	154,500	32.1	4,953,600	11,738,300
Fergus	168,800	500	168,300	158,500	31.6	5,003,500	11,778,700
Golden Valley	25,600	—	25,600	22,500	21.0	472,500	1,106,500
Judith Basin	81,600	—	81,600	76,200	31.0	2,361,700	5,591,100
Lewis & Clark	10,800	—	10,800	9,700	23.3	226,400	538,600
Meagher	7,700	—	7,700	7,300	32.6	238,200	558,100
Musselshell	19,000	—	19,000	17,700	22.8	404,300	942,900
Petroleum	6,100	—	6,100	5,500	23.4	128,500	300,200
Wheatland	26,000	—	26,000	24,100	25.8	622,700	1,465,500
CENTRAL	**541,900**	**1,000**	**540,900**	**509,200**	**30.7**	**15,651,700**	**37,078,500**
Beaverhead	8,800	—	8,800	8,300	33.3	276,800	681,700
Gallatin	51,000	—	51,000	49,300	41.6	2,053,200	4,901,700
Jefferson	8,700	—	8,700	8,500	29.7	252,100	594,400
Madison	5,700	—	5,700	5,500	38.4	211,100	535,500
Silver Bow	—	—	—	—	—	—	—
S. WEST	**74,200**	**—**	**74,200**	**71,600**	**39.0**	**2,793,200**	**6,713,300**
Big Horn	80,200	—	80,200	76,000	30.1	2,290,600	5,176,400
Carbon	22,000	—	22,000	20,800	32.2	670,300	1,523,500
Park	16,600	—	16,600	16,100	31.9	514,000	1,168,700
Stillwater	68,200	—	68,200	64,200	27.8	1,781,800	3,997,000
Sweet Grass	9,100	—	9,100	8,300	30.5	253,200	571,300
Treasure	6,300	—	6,300	5,800	31.7	184,000	419,900
Yellowstone	103,500	100	103,400	99,200	29.8	2,957,300	6,654,500
S. CENTRAL	**305,900**	**100**	**305,800**	**290,400**	**29.8**	**8,651,200**	**19,511,300**
Carter	48,900	1,000	47,900	41,200	20.0	823,400	1,805,600
Custer	50,600	200	50,400	44,300	22.6	1,001,000	2,174,000
Fallon	76,400	400	76,000	70,400	20.0	1,406,800	3,168,000
Powder River	34,800	—	34,800	31,900	25.9	826,100	1,808,200
Prairie	44,800	—	44,800	37,900	23.6	896,300	1,938,600
Rosebud	39,900	—	39,900	35,500	27.2	964,000	2,159,700
Wibaux	57,100	600	56,500	52,600	19.2	1,012,300	2,397,000
S. EAST	**352,500**	**2,200**	**350,300**	**313,800**	**22.1**	**6,929,900**	**15,451,100**
STATE	**5,400,000**	**35,500**	**5,364,500**	**5,060,000**	**25.9**	**130,920,000**	**311,544,000**

[1]Winter wheat reseeded to spring wheat.

WINTER WHEAT — 1976

Acreage, Yield, Production and Value by Counties — Irrigated and Not Irrigated

COUNTY & DISTRICT	TOTAL					IRRIGATED		NOT IRRIGATED	
	Acres Planted	Acres Harvested	Yield per Acre	Production	Value	Acres Harvested	Yield per Acre	Acres Harvested	Yield per Acre
			Bushels		Dollars		Bu.		Bu.
Flathead	16,000	15,300	52.8	808,600	1,961,100	1,300	62.0	14,000	52.0
Lake	14,600	14,100	41.8	589,600	1,430,000	1,600	56.0	12,500	40.0
Mineral	100	100	24.0	2,400	5,800	--	--	100	24.0
Missoula	3,500	3,400	25.0	85,000	206,200	--	--	3,400	25.0
Powell	200	200	26.5	5,300	12,900	100	35.0	100	18.0
Ravalli	2,600	2,500	29.1	72,700	176,300	100	44.0	2,400	28.5
Sanders	5,000	4,700	30.2	141,800	343,900	500	40.0	4,200	29.0
N. WEST	**42,000**	**40,300**	**42.3**	**1,705,400**	**4,136,200**	**3,600**	**55.0**	**36,700**	**41.1**
Blaine	111,800	108,800	30.0	3,265,100	7,724,100	100	41.0	108,700	30.0
Chouteau	542,900	524,000	34.0	17,816,000	42,147,200	--	--	524,000	34.0
Glacier	22,300	21,500	38.0	817,000	1,932,500	--	--	21,500	38.0
Hill	431,400	416,100	31.0	12,880,500	30,471,300	--	--	416,100	31.0
Liberty	134,800	130,200	35.0	4,557,000	10,780,300	--	--	130,200	35.0
Phillips	51,700	51,200	29.0	1,484,800	3,512,300	--	--	51,200	29.0
Pondera	163,000	157,300	39.0	6,134,700	14,512,600	--	--	155,900	39.0
Teton	136,200	129,700	34.0	4,405,400	10,421,600	1,400	44.0	126,600	33.5
Toole	96,400	94,800	35.0	3,318,000	7,849,200	3,100	53.0	94,800	35.0
N. CENTRAL	**1,690,500**	**1,633,600**	**33.5**	**54,678,500**	**129,351,100**	**4,600**	**50.0**	**1,629,000**	**33.4**
Daniels	1,400	1,200	27.0	32,400	73,200	--	--	1,200	27.0
Dawson	99,600	95,300	29.0	2,763,700	6,246,200	--	--	95,300	29.0
Garfield	43,400	38,800	24.0	931,200	2,104,600	--	--	38,800	24.0
McCone	123,800	120,400	27.0	3,250,800	7,347,100	--	--	120,400	27.0
Richland	59,500	56,900	28.0	1,593,200	3,600,700	100	36.0	56,800	28.0
Roosevelt	24,100	23,200	29.0	672,800	1,520,500	--	--	23,200	29.0
Sheridan	10,500	10,200	28.0	285,600	645,400	--	--	10,200	28.0
Valley	30,700	29,400	27.0	793,800	1,794,000	--	--	29,400	27.0
N. EAST	**393,000**	**375,400**	**27.5**	**10,323,500**	**23,331,700**	**100**	**36.0**	**375,300**	**27.5**
Broadwater	12,300	12,100	35.1	424,500	964,400	200	40.0	11,900	35.0
Cascade	135,500	129,000	33.0	4,257,000	9,671,900	200	40.0	128,800	33.0
Fergus	177,400	171,200	33.0	5,649,600	12,835,900	--	--	171,200	33.0
Golden Valley	25,000	23,900	27.0	645,300	1,466,100	100	34.0	23,800	27.0
Judith Basin	62,600	60,300	32.0	1,929,600	4,384,000	--	--	60,300	32.0
Lewis & Clark	8,800	8,400	28.1	235,900	536,000	100	35.0	8,300	28.0
Meagher	5,500	5,300	31.1	164,900	374,700	100	37.0	5,200	31.0
Musselshell	23,100	22,400	28.0	627,200	1,425,000	--	--	22,400	28.0
Petroleum	3,500	3,300	24.0	79,200	180,000	--	--	3,300	24.0
Wheatland	14,800	14,200	28.0	397,600	903,300	--	--	14,200	28.0
CENTRAL	**468,500**	**450,100**	**32.0**	**14,410,800**	**32,741,300**	**700**	**38.0**	**449,400**	**32.0**
Beaverhead	7,400	7,000	25.0	175,000	415,300	--	--	7,000	25.0
Gallatin	39,400	37,800	44.9	1,697,600	4,028,400	5,000	64.0	32,800	42.0
Jefferson	9,000	8,500	25.8	219,400	520,700	100	51.0	8,400	25.5
Madison	15,900	15,100	38.1	575,000	1,364,500	100	49.0	15,000	38.0
Silver Bow	300	200	23.0	4,600	10,900	--	--	200	23.0
S. WEST	**72,000**	**68,600**	**38.9**	**2,671,600**	**6,339,800**	**5,200**	**63.5**	**63,400**	**36.9**
Big Horn	77,400	74,400	31.9	2,373,900	5,232,100	4,500	46.0	69,900	31.0
Carbon	19,200	18,500	30.8	570,000	1,256,300	500	42.0	18,000	30.5
Park	25,400	24,600	28.3	695,200	1,532,300	800	36.0	23,800	28.0
Stillwater	87,700	85,400	28.0	2,391,200	5,270,200	--	--	85,400	28.0
Sweet Grass	7,000	6,300	26.0	163,800	361,100	--	--	6,300	26.0
Treasure	7,000	6,600	33.0	217,800	480,100	--	--	6,600	33.0
Yellowstone	89,300	86,400	28.8	2,489,700	5,487,400	1,400	48.0	85,000	28.5
S. CENTRAL	**313,000**	**302,200**	**29.5**	**8,901,600**	**19,619,500**	**7,200**	**45.0**	**295,000**	**29.1**
Carter	18,100	17,600	26.0	457,600	1,024,600	--	--	17,600	26.0
Custer	18,600	17,300	26.2	453,800	1,016,000	200	46.0	17,100	26.0
Fallon	44,700	42,000	28.0	1,176,000	2,633,000	--	--	42,000	28.0
Powder River	46,600	44,400	30.0	1,332,000	2,982,200	--	--	44,400	30.0
Prairie	47,300	45,000	28.0	1,260,000	2,821,100	--	--	45,000	28.0
Rosebud	38,100	36,400	27.2	990,400	2,217,400	400	46.0	36,000	27.0
Wibaux	7,600	7,100	28.0	198,800	445,100	--	--	7,100	28.0
S. EAST	**221,000**	**209,800**	**28.0**	**5,868,600**	**13,139,400**	**600**	**46.0**	**209,200**	**27.9**
STATE	**3,200,000**	**3,080,000**	**32.0**	**98,560,000**	**228,659,000**	**22,000**	**51.8**	**3,058,000**	**31.9**

WINTER WHEAT — 1977

Acreage, Yield, Production and Value by Counties — Irrigated and Not Irrigated

COUNTY & DISTRICT	TOTAL					IRRIGATED		NOT IRRIGATED	
	Acres Planted	Acres Harvested	Yield per Acre	Production	Value	Acres Harvested	Yield per Acre	Acres Harvested	Yield per Acre
			Bushels		Dollars		Bu.		Bu.
Flathead	9,300	8,800	46.8	412,000	1,020,600	700	62.0	8,100	45.5
Lake	7,900	7,300	43.9	320,700	794,400	1,100	52.0	6,200	42.5
Mineral	100	100	27.0	2,700	6,700	--	--	100	27.0
Missoula	1,500	1,300	31.0	40,300	99,800	--	--	1,300	31.0
Powell	1,700	1,600	31.0	49,600	122,800	--	--	1,600	31.0
Ravalli	5,000	4,800	39.7	190,500	471,900	100	48.0	4,700	39.5
Sanders	3,000	2,900	32.0	92,800	229,900	100	46.0	2,800	31.5
N. WEST	**28,500**	**26,800**	**41.4**	**1,108,600**	**2,746,100**	**2,000**	**55.0**	**24,800**	**40.3**
Blaine	100,000	85,000	29.0	2,465,000	5,754,100	--	--	85,000	29.0
Chouteau	433,500	409,000	33.0	13,505,100	31,525,000	300	60.0	408,700	33.0
Glacier	47,000	36,100	27.3	984,900	2,299,000	600	44.0	35,500	27.0
Hill	423,000	393,600	29.2	11,483,500	26,805,900	--	--	393,600	29.2
Liberty	173,000	158,900	27.0	4,291,300	10,017,200	--	--	158,900	27.0
Phillips	52,500	45,300	29.0	1,313,700	3,066,600	--	--	45,300	29.0
Pondera	122,000	111,100	32.8	3,643,800	8,505,700	2,000	49.0	109,100	32.5
Teton	135,500	125,900	33.6	4,232,200	9,879,200	2,500	64.0	123,400	33.0
Toole	90,500	84,100	27.0	2,270,700	5,300,500	--	--	84,100	27.0
N. CENTRAL	**1,577,000**	**1,449,000**	**30.5**	**44,190,200**	**103,153,200**	**5,400**	**56.0**	**1,443,600**	**30.4**
Daniels	1,700	1,500	20.1	30,100	65,800	--	--	1,500	20.1
Dawson	100,000	93,000	22.0	2,046,000	4,472,900	--	--	93,000	22.0
Garfield	52,300	47,100	20.0	942,000	2,059,400	--	--	47,100	20.0
McCone	126,100	113,900	19.0	2,163,800	4,730,400	--	--	113,900	19.0
Richland	67,600	59,500	22.0	1,310,800	2,865,600	100	40.0	59,400	22.0
Roosevelt	23,700	20,400	24.0	489,600	1,070,300	--	--	20,400	24.0
Sheridan	8,700	8,000	24.0	192,000	419,700	--	--	8,000	24.0
Valley	38,400	33,000	22.0	726,000	1,587,200	--	--	33,000	22.0
N. EAST	**418,500**	**376,400**	**21.0**	**7,900,300**	**17,271,300**	**100**	**40.0**	**376,300**	**21.0**
Broadwater	18,500	17,700	35.2	622,300	1,445,400	400	42.0	17,300	35.0
Cascade	127,000	120,000	34.6	4,152,400	9,644,600	800	50.0	119,200	34.5
Fergus	145,700	136,000	33.0	4,488,100	10,424,300	--	--	136,000	33.0
Golden Valley	24,100	21,000	21.0	441,000	1,024,300	--	--	21,000	21.0
Judith Basin	64,500	59,600	33.5	1,996,600	4,637,400	--	--	59,600	33.5
Lewis & Clark	8,800	7,700	23.7	182,400	423,700	100	38.0	7,600	23.5
Meagher	6,900	6,500	34.1	221,400	514,200	100	38.0	6,400	34.0
Musselshell	18,300	17,000	23.0	391,000	908,200	--	--	17,000	23.0
Petroleum	5,800	5,200	23.5	122,200	283,800	--	--	5,200	23.5
Wheatland	22,400	20,600	27.0	556,200	1,291,900	--	--	20,600	27.0
CENTRAL	**442,000**	**411,300**	**32.0**	**13,173,600**	**30,597,800**	**1,400**	**46.0**	**409,900**	**32.0**
Beaverhead	5,600	5,200	30.0	156,000	364,600	--	--	5,200	30.0
Gallatin	43,000	41,400	41.0	1,697,400	3,967,700	4,600	69.0	36,800	37.5
Jefferson	8,200	8,000	29.3	234,100	547,200	100	50.0	7,900	29.0
Madison	2,200	2,100	30.9	64,900	151,700	200	54.0	1,900	28.5
Silver Bow	--	--	--	--	--	--	--	--	--
S. WEST	**59,000**	**56,700**	**38.0**	**2,152,400**	**5,031,200**	**4,900**	**68.0**	**51,800**	**35.1**
Big Horn	73,700	70,000	29.3	2,049,600	4,589,200	2,800	36.0	67,200	29.0
Carbon	19,400	18,400	30.2	555,200	1,243,100	400	38.0	18,000	30.0
Park	14,000	13,600	31.2	424,000	949,400	400	37.0	13,200	31.0
Stillwater	65,800	61,900	27.5	1,703,300	3,813,800	200	33.0	61,700	27.5
Sweet Grass	8,500	7,700	30.0	231,000	517,200	--	--	7,700	30.0
Treasure	5,200	4,800	30.0	144,000	322,400	--	--	4,800	30.0
Yellowstone	99,900	95,900	29.1	2,790,700	6,248,600	800	41.0	95,100	29.0
S. CENTRAL	**286,500**	**272,300**	**29.0**	**7,897,800**	**17,683,700**	**4,600**	**37.0**	**267,700**	**28.9**
Carter	41,500	34,400	20.0	688,000	1,480,000	--	--	34,400	20.0
Custer	47,500	41,300	22.1	913,400	1,964,900	300	38.0	41,000	22.0
Fallon	38,500	35,000	23.0	805,000	1,731,800	--	--	35,000	23.0
Powder River	30,200	27,500	27.0	742,500	1,597,300	--	--	27,500	27.0
Prairie	42,200	35,500	24.0	852,000	1,832,900	--	--	35,500	24.0
Rosebud	30,000	26,400	22.7	598,600	1,287,700	300	38.0	26,100	22.5
Wibaux	8,600	7,400	24.0	177,600	382,100	--	--	7,400	24.0
S. EAST	**238,500**	**207,500**	**23.0**	**4,777,100**	**10,276,700**	**600**	**38.0**	**206,900**	**23.0**
STATE	**3,050,000**	**2,800,000**	**29.0**	**81,200,000**	**186,760,000**	**19,000**	**53.0**	**2,781,000**	**28.8**

DURUM WHEAT — 1976

Acreage, Yield, Production and Value by Counties — Irrigated and Not Irrigated

COUNTY & DISTRICT	TOTAL					IRRIGATED		NOT IRRIGATED	
	Acres Planted	Acres Harvested	Yield per Acre	Production	Value	Acres Harvested	Yield per Acre	Acres Harvested	Yield per Acre
			Bushels		Dollars		Bu.		Bu.
Flathead	200	200	39.0	7,800	22,800	--	--	200	39.0
Lake	100	100	35.0	3,500	10,300	--	--	100	35.0
Ravalli	100	100	41.0	4,100	12,000	100	41.0	--	--
N. WEST	**400**	**400**	**38.5**	**15,400**	**45,100**	**100**	**41.0**	**300**	**37.7**
Blaine	1,300	1,300	26.0	33,800	90,200	300	36.0	1,000	23.0
Chouteau	1,600	1,600	30.0	48,000	128,100	--	--	1,600	30.0
Glacier	600	600	34.0	20,400	54,400	--	--	600	34.0
Hill	2,000	2,000	26.0	52,000	138,800	--	--	2,000	26.0
Liberty	3,700	3,600	26.0	93,600	249,800	--	--	3,600	26.0
Phillips	100	100	29.0	2,900	7,700	--	--	100	29.0
Pondera	15,100	14,700	33.2	487,500	1,300,900	400	39.0	14,300	33.0
Teton	7,700	7,200	35.1	252,700	674,300	1,000	45.0	6,200	33.5
Toole	23,200	22,400	31.0	694,400	1,852,900	--	--	22,400	31.0
N. CENTRAL	**55,300**	**53,500**	**31.5**	**1,685,300**	**4,497,100**	**1,700**	**42.0**	**51,800**	**31.2**
Daniels	8,500	8,200	28.0	229,600	550,700	--	--	8,200	28.0
Dawson	5,300	5,200	25.0	130,000	311,800	--	--	5,200	25.0
Garfield	1,300	1,300	25.0	32,500	78,000	--	--	1,300	25.0
McCone	7,300	7,100	29.0	205,900	493,900	--	--	7,100	29.0
Richland	3,000	3,000	28.1	84,200	202,000	300	42.0	2,700	26.5
Roosevelt	38,900	38,000	27.2	1,033,200	2,478,400	600	39.0	37,400	27.0
Sheridan	159,800	158,300	29.0	4,590,700	11,011,700	--	--	158,300	29.0
Valley	3,700	3,700	27.2	100,700	241,600	100	35.0	3,600	27.0
N. EAST	**227,800**	**224,800**	**28.5**	**6,406,800**	**15,368,100**	**1,000**	**39.5**	**223,800**	**28.5**
Cascade	1,200	1,200	30.9	37,100	98,900	300	38.0	900	28.6
Fergus	5,300	5,200	26.0	135,200	360,400	--	--	5,200	26.0
Judith Basin	200	200	29.0	5,800	15,500	--	--	200	29.0
CENTRAL	**6,700**	**6,600**	**27.0**	**178,100**	**474,800**	**300**	**38.0**	**6,300**	**26.5**
Gallatin	1,200	1,200	38.0	45,600	125,500	--	--	1,200	38.0
S. WEST	**1,200**	**1,200**	**38.0**	**45,600**	**125,500**	**--**	**--**	**1,200**	**38.0**
Big Horn	100	100	42.0	4,200	11,000	100	42.0	--	--
Yellowstone	200	200	31.5	6,300	16,600	100	38.0	100	25.0
S. CENTRAL	**300**	**300**	**35.0**	**10,500**	**27,600**	**200**	**40.0**	**100**	**25.0**
Custer	200	200	24.0	4,800	11,400	--	--	200	24.0
Powder River	200	200	27.0	5,400	12,800	--	--	200	27.0
Prairie	100	100	28.0	2,800	6,700	--	--	100	28.0
Rosebud	100	100	27.0	2,700	6,400	--	--	100	27.0
Wibaux	7,700	7,600	26.0	197,600	469,500	--	--	7,600	26.0
S. EAST	**8,300**	**8,200**	**26.0**	**213,300**	**506,800**	**--**	**--**	**8,200**	**26.0**
STATE	**300,000**	**295,000**	**29.0**	**8,555,000**	**21,045,000**	**3,300**	**40.7**	**291,700**	**28.9**

DURUM WHEAT — 1977

Acreage, Yield, Production and Value by Counties — Irrigated and Not Irrigated

COUNTY & DISTRICT	TOTAL					IRRIGATED		NOT IRRIGATED	
	Acres Planted	Acres Harvested	Yield per Acre	Production	Value	Acres Harvested	Yield per Acre	Acres Harvested	Yield per Acre
			Bushels		Dollars		Bu.		Bu.
Ravalli	100	100	42.0	4,200	11,900	100	42.0	--	--
N. WEST	**100**	**100**	**42.0**	**4,200**	**11,900**	**100**	**42.0**	**--**	**--**
Blaine	4,700	4,500	23.2	104,300	287,000	1,000	43.0	3,500	17.5
Chouteau	900	900	22.0	19,800	54,500	--	--	900	22.0
Glacier	1,000	900	18.0	16,200	44,600	--	--	900	18.0
Hill	300	300	20.0	6,000	16,500	--	--	300	20.0
Liberty	300	300	18.0	5,400	14,800	--	--	300	18.0
Pondera	19,700	18,500	21.0	388,000	1,067,600	500	38.0	18,000	20.5
Teton	600	600	21.0	12,600	34,700	100	36.0	500	18.0
Toole	17,200	17,000	18.0	306,000	841,900	--	--	17,000	18.0
N. CENTRAL	**44,700**	**43,000**	**20.0**	**858,300**	**2,361,600**	**1,600**	**41.0**	**41,400**	**19.1**
Daniels	2,600	2,500	19.0	47,500	121,700	--	--	2,500	19.0
Dawson	1,000	900	14.0	12,600	32,300	--	--	900	14.0
Garfield	100	100	20.0	2,000	5,100	--	--	100	20.0
McCone	1,100	1,100	15.0	16,500	42,300	--	--	1,100	15.0
Richland	1,900	1,800	22.1	39,800	101,900	800	31.0	1,000	15.0
Roosevelt	37,800	35,600	18.0	642,500	1,645,500	1,000	37.0	34,600	17.5
Sheridan	132,500	127,000	24.0	3,048,000	7,806,200	--	--	127,000	24.0
Valley	1,000	1,000	17.8	17,800	45,600	100	43.0	900	15.0
N. EAST	**178,000**	**170,000**	**22.5**	**3,826,700**	**9,800,600**	**1,900**	**34.8**	**168,100**	**22.4**
Cascade	300	300	24.0	7,200	21,000	--	--	300	24.0
Fergus	1,500	1,400	21.0	29,400	85,700	--	--	1,400	21.0
Judith Basin	100	100	21.0	2,100	6,100	--	--	100	21.0
CENTRAL	**1,900**	**1,800**	**21.5**	**38,700**	**112,800**	**--**	**--**	**1,800**	**21.5**
Stillwater	600	600	29.3	17,600	34,800	--	--	600	29.3
S. CENTRAL	**600**	**600**	**29.3**	**17,600**	**34,800**	**--**	**--**	**600**	**29.3**
Carter	300	300	21.0	6,300	17,500	--	--	300	21.0
Powder River	1,500	1,400	21.0	29,400	81,600	--	--	1,400	21.0
Wibaux	2,900	2,800	21.0	58,800	163,200	--	--	2,800	21.0
S. EAST	**4,700**	**4,500**	**21.0**	**94,500**	**262,300**	**--**	**--**	**4,500**	**21.0**
STATE	**230,000**	**220,000**	**22.0**	**4,840,000**	**12,584,000**	**3,600**	**37.8**	**216,400**	**21.7**

SPRING WHEAT EXCLUDING DURUM — 1976

Acreage, Yield, Production and Value by Counties — Irrigated and Not Irrigated

COUNTY & DISTRICT	TOTAL					IRRIGATED		NOT IRRIGATED	
	Acres Planted	Acres Harvested	Yield per Acre	Production	Value	Acres Harvested	Yield per Acre	Acres Harvested	Yield per Acre
			Bushels		Dollars		Bu.		Bu.
Deer Lodge	300	300	37.0	11,100	29,200	200	38.0	100	35.0
Flathead	4,200	4,000	48.0	192,000	505,400	3,000	54.0	1,000	30.0
Granite	700	700	36.0	25,200	66,300	--	--	700	36.0
Lake	3,900	3,700	49.0	181,300	477,200	3,500	50.0	200	31.5
Lincoln	200	200	44.0	8,800	23,200	100	53.0	100	35.0
Mineral	400	400	37.0	14,800	39,000	--	--	400	37.0
Missoula	2,100	2,000	45.1	90,100	237,200	1,700	47.0	300	34.0
Powell	800	800	40.9	32,700	86,100	300	54.0	500	33.0
Ravalli	900	900	40.3	36,300	95,500	400	57.0	500	27.0
Sanders	1,000	1,000	38.0	38,000	100,000	700	44.0	300	24.0
N. WEST	**14,500**	**14,000**	**45.0**	**630,300**	**1,659,100**	**9,900**	**50.5**	**4,100**	**31.9**
Blaine	67,900	67,200	28.1	1,885,800	5,132,800	2,800	41.0	64,400	27.5
Chouteau	61,900	61,000	30.0	1,830,000	4,980,900	100	44.0	60,900	30.0
Glacier	70,600	69,400	33.8	2,344,200	6,380,400	3,500	39.0	65,900	33.5
Hill	106,600	105,100	25.2	2,652,200	7,218,800	2,200	35.0	102,900	25.0
Liberty	74,400	72,900	29.0	2,114,100	5,754,200	--	--	72,900	29.0
Phillips	71,200	70,000	27.0	1,890,200	5,144,700	1,900	45.0	68,100	26.5
Pondera	41,800	41,200	35.2	1,448,800	3,943,600	8,000	40.0	33,200	34.0
Teton	34,500	34,200	34.6	1,184,400	3,223,300	6,000	47.0	28,200	32.0
Toole	146,200	144,100	32.0	4,611,200	12,550,800	600	36.0	143,500	32.0
N. CENTRAL	**675,100**	**665,100**	**30.0**	**19,960,900**	**54,329,500**	**25,100**	**41.5**	**640,000**	**29.6**
Daniels	223,200	220,200	31.0	6,826,200	17,455,700	--	--	220,200	31.0
Dawson	42,300	41,200	25.9	1,069,100	2,733,900	900	46.0	40,300	25.5
Garfield	46,900	46,000	25.1	1,153,900	2,950,800	1,100	49.0	44,900	24.5
McCone	84,100	80,800	27.5	2,223,700	5,686,400	200	36.0	80,600	27.5
Richland	69,600	69,000	28.8	1,987,500	5,082,300	4,000	50.0	65,000	27.5
Roosevelt	269,100	265,000	29.1	7,707,900	19,710,300	2,000	40.0	263,000	29.0
Sheridan	118,100	116,500	31.0	3,611,500	9,235,200	--	--	116,500	31.0
Valley	290,300	285,000	28.1	8,007,900	20,477,500	3,100	37.0	281,900	28.0
N. EAST	**1,143,600**	**1,123,700**	**29.0**	**32,587,700**	**83,332,100**	**11,300**	**44.0**	**1,112,400**	**28.8**
Broadwater	13,700	13,500	44.0	594,300	1,492,300	9,300	49.0	4,200	33.0
Cascade	32,900	32,500	32.0	1,040,000	2,611,500	4,100	46.0	28,400	30.0
Fergus	20,300	19,400	25.0	485,000	1,217,800	--	--	19,400	25.0
Golden Valley	1,400	1,300	25.0	32,500	81,600	--	--	1,300	25.0
Judith Basin	17,800	17,500	27.5	481,500	1,209,100	--	--	17,500	27.5
Lewis & Clark	8,000	7,800	38.1	296,800	745,300	2,200	42.0	5,600	36.5
Meagher	900	900	24.0	21,600	54,200	--	--	900	24.0
Musselshell	1,400	1,300	25.8	33,600	84,400	100	30.0	1,200	25.5
Petroleum	600	500	23.0	11,500	28,900	--	--	500	23.0
Wheatland	3,100	2,900	24.2	70,100	176,000	100	29.0	2,800	24.0
CENTRAL	**100,100**	**97,600**	**31.4**	**3,066,900**	**7,701,100**	**15,800**	**47.0**	**81,800**	**28.4**
Beaverhead	4,200	4,000	40.0	160,000	424,800	4,000	40.0	--	--
Gallatin	10,800	10,700	39.1	418,700	1,111,600	5,100	53.0	5,600	26.5
Jefferson	700	700	31.0	21,700	57,600	--	--	700	31.0
Madison	2,700	2,600	33.0	85,800	227,700	2,100	35.0	500	24.6
Silver Bow	100	100	30.0	3,000	8,000	--	--	100	30.0
S. WEST	**18,500**	**18,100**	**38.1**	**689,200**	**1,829,700**	**11,200**	**45.0**	**6,900**	**26.9**
Big Horn	5,800	5,600	36.9	206,500	504,900	2,100	40.0	3,500	35.0
Carbon	3,600	3,500	35.1	123,000	300,800	1,300	43.0	2,200	30.5
Park	3,100	2,900	25.9	75,100	183,600	600	37.0	2,300	23.0
Stillwater	1,600	1,600	23.1	37,000	90,500	200	38.0	1,400	21.0
Sweet Grass	600	600	26.0	15,600	38,100	--	--	600	26.0
Treasure	1,800	1,700	45.0	76,500	187,000	1,300	51.0	400	25.5
Yellowstone	4,200	4,100	42.8	175,300	428,600	2,300	50.0	1,800	33.5
S. CENTRAL	**20,700**	**20,000**	**35.5**	**709,000**	**1,733,500**	**7,800**	**45.0**	**12,200**	**29.3**
Carter	6,700	6,500	21.0	136,500	349,100	--	--	6,500	21.0
Custer	3,200	3,100	25.1	77,900	199,200	800	47.0	2,300	17.5
Fallon	37,300	36,300	22.0	798,600	2,042,200	--	--	36,300	22.0
Powder River	3,000	2,900	25.0	72,500	185,400	--	--	2,900	25.0
Prairie	2,100	2,000	28.1	56,200	143,700	300	40.0	1,700	26.0
Rosebud	8,600	7,600	36.0	273,600	699,600	6,800	38.0	800	19.0
Wibaux	46,600	43,100	26.0	1,120,700	2,865,800	--	--	43,100	26.0
S. EAST	**107,500**	**101,500**	**25.0**	**2,536,000**	**6,485,000**	**7,900**	**39.0**	**93,600**	**23.8**
STATE	**2,080,000**	**2,040,000**	**29.5**	**60,180,000**	**157,070,000**	**89,000**	**44.3**	**1,951,000**	**28.8**

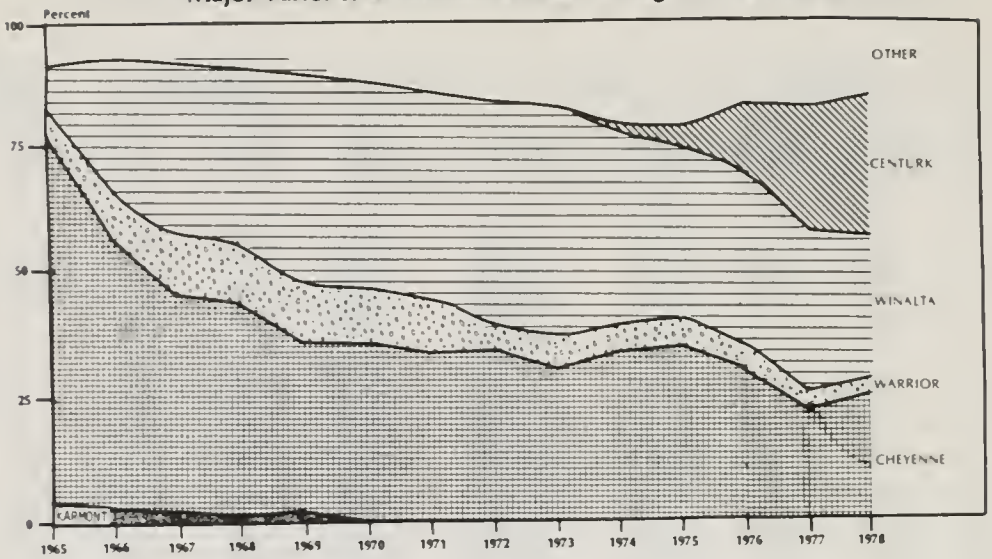
SPRING WHEAT EXCLUDING DURUM — 1977

Acreage, Yield, Production and Value by Counties — Irrigated and Not Irrigated

COUNTY & DISTRICT	TOTAL					IRRIGATED		NOT IRRIGATED	
	Acres Planted	Acres Harvested	Yield per Acre	Production	Value	Acres Harvested	Yield per Acre	Acres Harvested	Yield per Acre
			Bushels		Dollars		Bu.		Bu.
Deer Lodge	500	500	39.8	19,900	58,300	100	43.0	400	39.0
Flathead	2,600	2,400	42.0	100,800	295,300	1,200	51.0	1,200	33.0
Granite	800	800	37.0	29,600	86,700	--	--	800	37.0
Lake	2,800	2,600	41.0	106,500	312,000	1,100	45.0	1,500	38.0
Lincoln	100	100	42.0	4,200	12,300	100	42.0	--	--
Mineral	100	100	38.0	3,800	11,100	--	--	100	38.0
Missoula	500	500	41.0	20,500	60,100	--	--	500	41.0
Powell	700	700	42.1	29,500	86,400	400	49.0	300	33.0
Ravalli	800	800	43.3	34,600	101,300	500	50.0	300	32.0
Sanders	600	500	38.8	19,400	56,800	100	42.0	400	38.0
N. WEST	**9,500**	**9,000**	**41.0**	**368,800**	**1,080,300**	**3,500**	**48.0**	**5,500**	**36.5**
Blaine	68,100	64,700	26.1	1,687,200	4,400,800	4,000	50.0	60,700	24.5
Chouteau	64,200	62,900	25.6	1,612,300	4,205,400	2,500	53.0	60,400	24.5
Glacier	59,800	56,800	18.8	1,067,500	2,784,400	900	37.0	55,900	18.5
Hill	112,300	111,300	19.1	2,129,700	5,555,000	1,000	34.0	110,300	19.0
Liberty	81,500	80,700	16.0	1,291,200	3,367,900	--	--	80,700	16.0
Phillips	77,000	74,000	26.1	1,935,000	5,047,100	1,000	37.0	73,000	26.0
Pondera	26,900	25,800	22.6	582,000	1,518,100	800	40.0	25,000	22.0
Teton	34,600	33,900	20.8	705,900	1,841,200	2,300	39.0	31,600	19.5
Toole	142,000	136,300	16.5	2,255,100	5,882,100	300	37.0	136,000	16.5
N. CENTRAL	**666,400**	**646,400**	**20.5**	**13,265,900**	**34,602,000**	**12,800**	**44.5**	**633,600**	**20.0**
Daniels	250,700	238,900	24.0	5,732,600	13,955,400	--	--	238,900	24.0
Dawson	63,200	59,500	20.0	1,191,300	2,900,100	1,900	51.0	57,600	19.0
Garfield	19,100	17,800	22.0	391,200	952,300	1,100	52.0	16,700	20.0
McCone	83,500	80,100	18.2	1,460,200	3,554,700	800	41.0	79,300	18.0
Richland	87,100	81,000	23.2	1,876,000	4,566,900	7,000	46.0	74,000	21.0
Roosevelt	258,800	251,000	20.0	5,029,500	12,243,700	500	39.0	250,500	20.0
Sheridan	156,300	153,200	24.5	3,753,400	9,137,200	--	--	153,200	24.5
Valley	284,100	272,800	21.8	5,936,800	14,452,500	2,700	48.0	270,100	21.5
N. EAST	**1,202,800**	**1,154,300**	**22.0**	**25,371,000**	**61,762,800**	**14,000**	**47.0**	**1,140,300**	**21.7**
Broadwater	15,700	15,500	39.9	618,000	1,613,200	14,000	42.0	1,500	20.0
Cascade	34,800	34,200	23.2	794,000	2,072,700	5,500	40.0	28,700	20.0
Fergus	21,600	21,100	23.0	486,000	1,268,700	500	45.0	20,600	22.5
Golden Valley	1,500	1,500	21.0	31,500	82,200	--	--	1,500	21.0
Judith Basin	17,000	16,500	22.0	363,000	947,600	--	--	16,500	22.0
Lewis & Clark	2,000	2,000	22.0	44,000	114,900	200	40.0	1,800	20.0
Meagher	800	800	21.0	16,800	43,900	--	--	800	21.0
Musselshell	700	700	19.0	13,300	34,700	--	--	700	19.0
Petroleum	300	300	21.0	6,300	16,400	--	--	300	21.0
Wheatland	3,600	3,500	19.0	66,500	173,600	--	--	3,500	19.0
CENTRAL	**98,000**	**96,100**	**25.4**	**2,439,400**	**6,367,900**	**20,200**	**41.5**	**75,900**	**21.1**
Beaverhead	3,200	3,100	39.0	120,800	317,100	1,300	41.0	1,800	37.5
Gallatin	8,000	7,900	45.0	355,800	934,000	4,200	53.0	3,700	36.0
Jefferson	500	500	36.0	18,000	47,200	--	--	500	36.0
Madison	3,500	3,400	43.0	146,200	383,800	2,600	45.0	800	36.5
Silver Bow	--	--	--	--	--	--	--	--	--
S. WEST	**15,200**	**14,900**	**43.0**	**640,800**	**1,682,100**	**8,100**	**48.5**	**6,800**	**36.5**
Big Horn	6,500	6,000	40.2	241,000	587,200	3,100	45.0	2,900	35.0
Carbon	2,600	2,400	48.0	115,100	280,400	1,300	53.0	1,100	42.0
Park	2,600	2,500	36.0	90,000	219,300	900	44.0	1,600	31.5
Stillwater	1,800	1,700	35.8	60,900	148,400	600	41.0	1,100	33.0
Sweet Grass	600	600	37.0	22,200	54,100	--	--	600	37.0
Treasure	1,100	1,000	40.0	40,000	97,500	600	47.0	400	29.5
Yellowstone	3,600	3,300	50.5	166,600	405,900	2,800	52.0	500	42.0
S. CENTRAL	**18,800**	**17,500**	**42.0**	**735,800**	**1,792,800**	**9,300**	**48.0**	**8,200**	**35.3**
Carter	7,100	6,500	19.9	129,100	308,100	200	47.0	6,300	19.0
Custer	3,100	3,000	29.2	87,600	209,100	1,200	49.0	1,800	16.0
Fallon	37,900	35,400	17.0	601,800	1,436,200	--	--	35,400	17.0
Powder River	3,100	3,000	18.1	54,200	129,300	400	38.0	2,600	15.0
Prairie	2,600	2,400	18.5	44,300	105,700	100	40.0	2,300	17.5
Rosebud	9,900	9,100	40.2	365,400	872,000	7,200	46.0	1,900	18.0
Wibaux	45,600	42,400	18.3	775,900	1,851,700	--	--	42,400	18.3
S. EAST	**109,300**	**101,800**	**20.2**	**2,058,300**	**4,912,100**	**9,100**	**46.0**	**92,700**	**17.7**
STATE	**2,120,000**	**2,040,000**	**22.0**	**44,880,000**	**112,200,000**	**77,000**	**45.4**	**1,963,000**	**21.1**

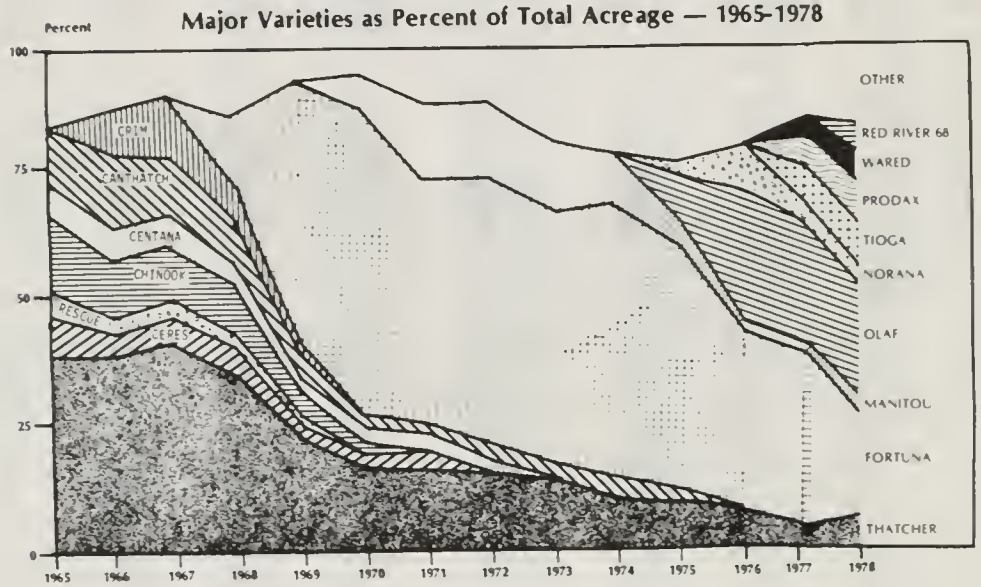
WINTER WHEAT

Major Varieties as Percent of Total Acreage — 1965-1978



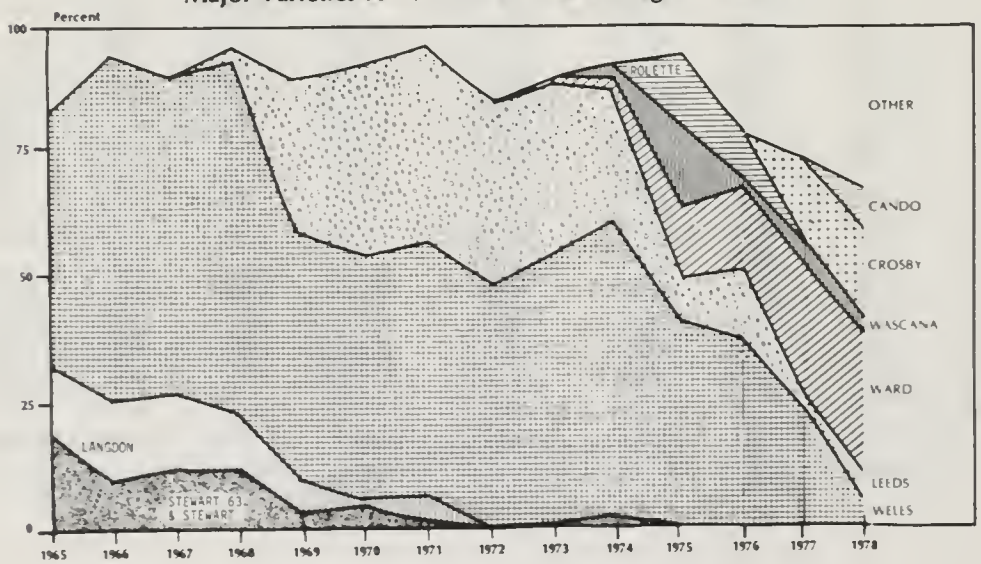
SPRING WHEAT EXCLUDING DURUM

Major Varieties as Percent of Total Acreage — 1965-1978



DURUM WHEAT

Major Varieties as Percent of Total Acreage — 1965-1978



WHEAT VARIETIES, 1974-1978

CLASS & VARIETY	1974	1975	1976	1977	1978
	Percent of Total Seeded Acreage				
WINTER WHEAT					
Winalta	38.5	34.0	35.3	31.1	29.1
Centurk	.6	3.5	12.0	25.7	28.1
Cheyenne	32.9	33.7	30.0	23.0	26.2
Warrior	6.2	5.8	6.1	3.9	3.2
Winoka	6.9	7.5	3.5	3.3	3.2
Sundance	.2	1.7	2.6	2.5	2.4
Trapper	2.0	3.5	2.4	2.0	.7
Nugaines	.2	.5	.7	.8	.5
Hi-Plains	--	.1	.8	2.8	.4
Lancer	1.8	1.3	.6	1.3	.4
Froid	2.3	1.2	.8	.3	.4
Wanser	1.2	.6	.4	.4	.2
Other & Unknown	7.2	6.6	4.8	2.9	5.2
TOTAL	100.0	100.0	100.0	100.0	100.0
SPRING WHEAT EXCLUDING DURUM					
Olaf	.4	8.0	26.0	24.1	22.8
Fortuna	54.2	48.4	35.2	34.1	21.6
Prodax	--	--	1.1	6.3	9.0
Tioga	.1	.9	6.1	7.9	8.9
Thatcher	10.0	9.0	8.1	4.4	6.8
Wared	--	.2	1.0	4.9	6.1
Red River	2.7	4.3	2.4	1.1	5.5
Lew	--	--	--	1.4	3.8
Norana	.5	2.5	8.2	3.4	3.4
Waldron	1.3	4.3	3.0	1.3	2.3
Manitou	9.9	4.7	1.6	2.2	1.7
Newana	--	--	--	--	1.0
Borah	--	--	--	--	.9
Other & Unknown	20.9	17.7	7.3	8.9	6.2
TOTAL	100.0	100.0	100.0	100.0	100.0
DURUM WHEAT					
Ward	2.0	14.1	16.0	25.5	30.8
Crosby	--	.9	2.9	16.1	19.2
Cando	--	--	--	--	7.2
Wells	58.6	39.6	38.4	21.5	5.7
Rolette	--	--	--	--	3.4
Leeds	26.6	8.9	14.1	1.7	3.3
Wascana	2.6	16.2	2.6	5.0	1.7
Other & Unknown	10.2	20.3	26.0	30.2	28.7
TOTAL	100.0	100.0	100.0	100.0	100.0

DURUM WHEAT

Seeded Acreages by Varieties, Selected Districts and Counties — 1978

DISTRICT & COUNTY	Ward	Crosby	Cando	Wells	Rolette	Leeds	Wascana	Other and Unknown	TOTAL
	Thousand Acres								
N. CENTRAL	**15.7**	--	--	**2.5**	--	--	--	**24.8**	**43.0**
Sheridan	67.3	57.5	21.7	12.3	10.2	9.5	--	--	178.5
Other	--	--	--	2.4	--	0.4	5.0	53.7	61.5
N. EAST	**67.3**	**57.5**	**21.7**	**14.7**	**10.2**	**9.9**	**5.0**	**53.7**	**240.0**
ALL OTHER COUNTIES	**9.5**	--	--	--	--	--	--	**7.5**	**17.0**
STATE	**92.5**	**57.5**	**21.7**	**17.2**	**10.2**	**9.9**	**5.0**	**86.0**	**300.0**

WINTER WHEAT

Seeded Acreage by Varieties, Districts and Selected Counties — 1978

DISTRICT & COUNTY	Win-alta	Cen-turk	Chey-enne	War-rior	Win-oka	Sun-dance	Trap-per	Nu-gaines	Hi-plains	Lan-cer	Froid	Wan-ser	Other and Unknown	Total
							Thousand Acres							
N. WEST	**2.2**	--	--	--	--	**1.4**	--	**4.3**	--	--	--	**0.8**	**18.2**	**26.9**
Blaine	54.6	6.9	20.6	7.7	4.6	--	--	2.7	--	--	--	--	4.5	101.6
Chouteau	29.0	212.5	154.6	13.8	14.7	--	3.3	--	--	--	.7	3.2	9.4	441.2
Glacier	40.3	--	7.5	--	--	--	--	--	--	--	--	--	--	47.8
Hill	122.5	93.0	107.7	22.8	30.5	43.1	--	--	--	--	--	--	10.5	430.1
Liberty	36.3	119.1	10.0	--	--	--	1.9	--	--	--	3.9	2.5	2.4	176.1
Phillips	49.4	--	--	--	--	--	--	--	--	--	--	--	4.0	53.4
Pondera	23.4	55.3	30.9	0.1	6.8	4.9	--	2.7	--	--	--	--	--	124.1
Teton	25.0	46.1	48.8	--	3.8	--	13.7	--	--	--	--	0.4	--	137.8
Toole	69.3	10.6	--	--	--	--	--	--	--	12.2	--	--	--	92.1
N. CENTRAL	**449.8**	**543.5**	**380.1**	**44.4**	**60.4**	**48.0**	**18.9**	**5.4**	**--**	**12.2**	**4.6**	**6.1**	**30.8**	**1,604.2**
Dawson	57.2	10.3	4.1	--	4.0	3.5	--	--	--	--	--	--	5.8	84.9
Garfield	22.4	8.7	12.0	--	1.3	--	--	--	--	--	--	--	--	44.4
McCone	93.4	--	--	--	7.6	--	--	--	5.6	--	--	--	0.4	107.0
Richland	36.1	--	--	--	7.1	--	1.4	--	7.4	--	--	--	5.2	57.2
Roosevelt	11.9	--	--	--	--	--	--	--	--	--	.7	--	7.5	20.1
Valley	12.2	--	9.1	--	--	--	--	--	--	--	--	--	11.3	32.6
Other	--	--	--	--	--	--	--	--	--	--	6.8	--	1.9	8.7
N. EAST	**233.2**	**19.0**	**25.2**	**--**	**20.0**	**3.5**	**1.4**	**--**	**13.0**	**--**	**7.5**	**--**	**32.1**	**354.9**
Cascade	9.1	76.7	19.7	1.5	--	--	--	--	--	--	--	0.3	0.5	107.8
Fergus	7.7	45.0	50.5	--	2.3	17.0	--	--	--	--	--	--	1.0	123.5
Golden Valley	3.2	--	14.1	--	--	--	--	--	--	--	--	--	3.1	20.4
Judith Basin	7.7	18.6	28.4	--	--	--	--	--	--	--	--	--	--	54.7
Other	10.3	18.7	2.2	--	--	--	--	--	--	--	--	--	37.3	68.5
CENTRAL	**38.0**	**159.0**	**114.9**	**1.5**	**2.3**	**17.0**	**--**	**--**	**--**	**--**	**--**	**0.3**	**41.9**	**374.9**
Gallatin	8.8	9.8	15.7	--	--	--	--	2.9	--	--	--	--	1.3	38.5
Other	3.2	5.9	2.7	--	--	--	--	--	--	--	--	--	2.7	14.5
S. WEST	**12.0**	**15.7**	**18.4**	**--**	**--**	**--**	**--**	**2.9**	**--**	**--**	**--**	**--**	**4.0**	**53.0**
Big Horn	1.4	--	43.6	21.9	--	--	--	--	--	--	--	--	--	66.9
Carbon	--	--	17.6	--	--	--	--	--	--	--	--	--	--	17.6
Park	0.4	6.7	3.8	0.1	0.2	--	--	0.8	--	--	--	--	0.6	12.6
Stillwater	4.4	37.7	8.8	7.2	--	--	--	--	--	--	--	--	1.7	59.8
Yellowstone	4.7	3.1	76.4	2.4	--	--	--	--	--	--	--	--	4.2	90.8
Other	--	--	10.0	2.4	--	--	--	--	--	--	--	--	--	12.4
S. CENTRAL	**10.9**	**47.5**	**160.2**	**34.0**	**0.2**	**--**	**--**	**0.8**	**--**	**--**	**--**	**--**	**6.5**	**260.1**
Carter	14.6	19.7	--	--	4.1	--	--	--	--	--	--	--	0.9	39.3
Custer	2.9	--	42.1	--	--	--	--	--	--	--	--	--	--	45.0
Fallon	36.5	--	--	--	--	--	--	--	--	--	--	--	--	36.5
Prairie	23.0	--	--	13.7	--	--	--	--	--	--	--	--	3.3	40.0
Other	21.4	9.7	18.6	--	5.9	--	--	--	--	--	--	--	9.6	65.2
S. EAST	**98.4**	**29.4**	**60.7**	**13.7**	**10.0**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**13.8**	**226.0**
STATE	**844.5**	**814.1**	**759.5**	**93.6**	**92.9**	**69.9**	**20.3**	**13.4**	**13.0**	**12.2**	**12.1**	**7.2**	**147.3**	**2,900.0**

SPRING WHEAT EXLUDING DURUM

Seeded Acreage by Varieties, Districts and Selected Counties — 1978

DISTRICT & COUNTY	Olaf	For-tuna	Pro-dax	Tioga	That-cher	Wared	Red River 68	Lew	Nor-ana	Wal-dron	Mani-tou	New-ana	Borah	Other and Unknown	Total
							Thousand Acres								
N. WEST	--	**0.2**	--	--	**0.6**	--	--	--	**4.6**	--	--	--	**1.5**	**6.1**	**13.0**
Blaine	4.2	26.1	--	7.5	--	2.5	--	1.4	--	--	--	--	--	7.1	48.8
Chouteau	1.6	35.3	--	--	--	--	--	--	4.5	--	--	--	1.0	3.6	46.0
Glacier	--	31.4	--	--	--	11.0	--	--	--	--	--	0.6	--	--	43.0
Hill	--	47.9	2.1	--	6.4	7.8	--	1.6	14.3	--	--	--	--	0.6	80.7
Liberty	--	41.8	6.8	--	--	2.2	--	--	6.5	--	--	--	--	1.2	58.5
Phillips	10.0	1.8	--	21.0	11.3	2.9	--	--	--	--	2.5	--	--	5.8	55.3
Pondera	2.4	6.6	1.8	--	--	4.1	--	3.1	0.1	--	--	1.0	--	0.2	19.3
Teton	0.4	23.4	1.0	--	--	--	--	--	--	--	--	--	--	--	24.8
Toole	5.1	80.7	7.5	--	--	--	--	--	8.5	--	--	--	--	--	101.8
N. CENTRAL	**23.7**	**295.0**	**19.2**	**28.5**	**17.7**	**30.5**	--	**6.1**	**33.9**	--	**2.5**	**1.6**	**1.0**	**18.5**	**478.2**
Daniels	32.8	26.2	34.8	27.6	--	10.2	63.2	25.8	9.2	--	--	--	--	14.8	244.6
Dawson	42.7	--	--	--	2.4	--	--	--	--	12.9	--	--	--	3.6	61.6
Garfield	10.5	4.4	3.1	--	--	--	--	--	0.7	--	--	--	--	--	18.7
McCone	53.4	1.1	12.8	3.7	3.7	--	--	4.4	--	--	--	--	--	2.3	81.4
Richland	42.0	3.3	0.5	--	3.2	33.2	--	0.6	0.8	--	--	0.4	--	1.0	85.0
Roosevelt	105.3	--	15.9	17.3	81.1	--	2.5	2.9	--	--	9.3	--	--	18.1	252.4
Sheridan	60.7	2.5	11.4	15.0	--	--	10.9	5.7	--	25.1	11.9	--	--	9.3	152.5
Valley	40.6	44.9	39.0	76.9	18.6	--	--	27.6	3.7	--	7.7	10.9	--	7.4	277.3
N. EAST	**388.0**	**82.4**	**117.5**	**140.5**	**109.0**	**43.4**	**76.6**	**67.0**	**14.4**	**38.0**	**28.9**	**11.3**	--	**56.5**	**1,173.5**
Cascade	--	1.0	--	--	--	25.8	--	--	3.3	--	--	--	.9	--	31.0
Fergus	--	6.3	12.9	--	--	--	--	--	--	--	--	--	--	--	19.2
Judith Basin	--	--	--	--	--	15.1	--	--	--	--	--	--	--	--	15.1
Other	--	1.8	--	--	--	--	--	--	1.8	--	--	--	13.9	4.3	21.8
CENTRAL	--	**9.1**	**12.9**	--	--	**40.9**	--	--	**5.1**	--	--	--	**14.8**	**4.3**	**87.1**
S. WEST	--	**3.8**	**4.6**	--	--	--	--	--	**2.7**	--	--	**1.2**	--	**4.8**	**17.1**
S. CENTRAL	--	--	**2.5**	--	**1.8**	**1.3**	--	--	**3.0**	--	--	--	--	**4.4**	**13.0**
Fallon	14.3	16.2	1.1	--	--	--	--	--	--	4.9	--	--	--	4.5	41.0
Wibaux	5.3	--	--	--	--	--	28.6	--	--	--	--	--	--	15.4	49.3
Other	2.0	2.8	13.3	--	--	--	--	--	0.7	--	--	5.0	--	4.0	27.8
S. EAST	**21.6**	**19.0**	**14.4**	--	--	--	**28.6**	--	**0.7**	**4.9**	--	**5.0**	--	**23.9**	**118.1**
STATE	**433.3**	**409.5**	**171.1**	**169.0**	**129.1**	**116.1**	**105.2**	**73.1**	**64.4**	**42.9**	**31.4**	**19.1**	**17.3**	**118.5**	**1,900.0**

WHEAT SHIPPED OUT OF STATE — 1970-77

By Class and Destination

CROP YEAR[1]	ALL WHEAT				WINTER WHEAT				SPRING WHEAT[2]			
	East	West	Other[3]	Total	East	West	Other[3]	Total	East	West	Other[3]	Total
	Thousand Bushels				Thousand Bushels				Thousand Bushels			
1970[4]	11,929	67,529	1,623	81,081								
1971	7,405	58,224	771	66,400	3,030	30,447	321	33,798	4,375	27,777	450	32,602
1972	7,685	98,149	563	106,397	4,567	52,100	67	56,734	3,118	46,049	496	49,663
1973	2,549	84,430	184	87,163	499	50,025	97	50,621	2,050	34,405	87	36,542
1974	6,426	73,374	1,158	80,958	4,797	43,662	1,000	49,459	1,629	29,712	158	31,499
1975	13,440	90,196	2,041	105,677	10,637	61,863	1,260	73,760	2,803	28,333	781	31,917
1976	12,490	74,510	1,808	88,808	9,151	48,153	495	57,799	3,339	26,357	1,313	31,009
1977	6,333	74,428	1,612	82,373	5,040	51,607	661	57,308	1,293	22,821	951	25,065

[1]Crop year July through June the following year until 1976 when the crop year changed to June through May the following year.

[2]Includes durum wheat.

[3]Other and unknown.

[4]Breakdown by classes not available.

WHEAT SHIPPED OUT OF STATE 1976 & 1977 CROP YEARS

By Class District, Mode, and Destination[1]

DISTRICT OF ORIGIN, MODE & DESIGNATION	Crop Year June 1976 - May 1977			Crop Year June 1977 - May 1978		
	Winter Wheat	Spring Wheat[2]	All Wheat	Winter Wheat	Spring Wheat[2]	All Wheat
	Thousand Bushels			Thousand Bushels		
N. WEST	**282**	**824**	**1,106**	**125**	**675**	**800**
N. CENTRAL	**30,344**	**11,148**	**41,492**	**33,827**	**12,021**	**45,848**
N. EAST	**7,598**	**13,628**	**21,226**	**5,154**	**8,751**	**13,905**
CENTRAL	**9,309**	**2,802**	**12,111**	**7,918**	**1,300**	**9,218**
S. WEST	**2,004**	**494**	**2,498**	**2,053**	**472**	**2,525**
S. CENTRAL	**4,980**	**1,269**	**6,249**	**5,912**	**1,097**	**7,009**
S. EAST	**3,282**	**844**	**4,126**	**2,319**	**749**	**3,068**
STATE						
Truck East	2,663	764	3,427	3,030	332	3,362
Truck West	10,815	6,332	17,147	13,070	5,750	18,820
Truck Other[3]	455	1,279	1,734	628	938	1,566
Total by Truck	13,933	8,375	22,308	16,728	7,020	23,748
Rail East	6,488	2,575	9,063	2,010	961	2,971
Rail West	37,338	20,025	57,363	38,537	17,071	55,608
Rail Other[3]	40	34	74	33	13	46
Total by Rail	43,866	22,634	66,500	40,580	18,045	58,625
Total Wheat Shipped	57,799	31,009	88,808	57,308	25,065	82,373

[1]Based on data reported by commercial elevators and licensed truckers. Reported data were expanded to represent 100 percent of elevator capacity.

[2]Includes durum.

[3]Other and unknown.

ALL WHEAT PRODUCTION, STOCKS AND UTILIZATION

1974, 1975 & 1976 Marketing Years

	1974	1975	1976
	Million Bushels		
SUPPLY			
Beginning stocks—July 1[1]	18.3	24.3	50.1[5]
Production	120.1	155.9	167.3
Total Supply	138.4	180.2	217.4
DISPOSITION			
Recorded movement out of State[2]	80.7	97.8	88.8
Milled for flour in Montana	7.2	7.1	8.1
Used for seed in Montana	5.2	4.9	4.8
Used for livestock feed[3]	1.1	1.6	5.4
Unaccounted disappearance (to balance)[4]	19.9	18.7	22.5
Total Disposition	114.1	130.1	129.6
Ending stocks July 1[1]	24.3	50.1[5]	87.8[5]

[1]Farm and commercial.
[2]Reported by elevators and licensed truckers—adjusted for known incompleteness.
[3]Utilization for feed—on farms where grown, cattle feeders, feed mills, and purchased by other farmers for feed.
[4]Due to unknowns in components and probable unrecorded movement.
[5]June stocks beginning June 1, 1976.

WHEAT MOVEMENT TO PACIFIC NORTHWEST, UTILIZATION AND EXPORTS[1]

By Marketing Years 1971-1976[2]

ITEM	1971	1972	1973	1974	1975	1976
	Million Bushels					
Beginning stocks, July 1	57.0	60.4	31.5	18.3	24.3	50.1
Production	112.0	98.8	96.7	120.1	155.9	167.3
Ending stocks, July 1	-60.4	-31.5	-18.3	-24.3	-50.1[7]	-87.8[7]
Available supply[3]	108.6	127.7	109.9	114.1	130.1	129.6
Shipments of wheat into Pacific Northwest (adjusted for unaccounted disappearance)[4]	54.8	96.9	83.6	85.6	92.3[8]	84.5
Total wheat used for flour in Pacific Northwest (includes bulgar)	29.8	31.8	30.6	25.9	21.9[8]	24.4
Estimated Montana wheat milled for flour in Pacific Northwest (includes bulgar)[5]	17.9	21.5	21.6	17.1	16.9[8]	16.6
Estimated Montana wheat exported from Pacific Northwest ports[6]	36.9	75.4	62.0	68.5	78.6[8]	67.9
Percent of available supply	34%	59%	56%	56%	60%	52%
Inspected exports of Hard Red Spring, Hard Red Winter and Durum from Pacific Northwest ports	75.3	133.4	183.8	116.1	118.2[8]	108.0
Montana exports as percent of total HRS, HRW and Durum exports from Pacific NW ports	49%	57%	34%	59%	66%	63%

[1]Pacific Northwest—Oregon and Washington.
[2]July 1-June 30, 1971-1974; July 1-May 31, 1975; June 1-May 31, 1976.
[3]Beginning stocks plus production minus ending stocks.
[4]Source: Montana Grain Movement project.
[5]Total Pacific Northwest wheat millings minus estimated wheat originating from Oregon, Washington or other States.
[6]Recorded Montana wheat shipped to Pacific Northwest minus estimated Montana wheat milled in Pacific Northwest.
[7]June 1 Stocks.
[8]July 1-May 31.

STOCKS OF MAJOR GRAINS — 1969-1978

CROP AND YEAR	JANUARY 1		APRIL 1		JULY 1		OCTOBER 1	
	On Farm Total	Total All Positions[1]	On Farm Total	Total All Positions[1]	On Farm Total	Total All Positions[1]	On Farm Total	Total All Positions[1]
	Thousand Bushels							
ALL WHEAT								
1969	98,178	120,625	88,108	103,756	71,745	84,477	124,693	148,994
1970	97,759	118,426	74,816	88,962	58,855	72,524	99,645	122,777
1971	80,057	96,595	61,320	73,997	44,287	56,980	115,371	145,276
1972	98,570	122,155	77,288	93,827	49,285	60,378	89,936	113,091
1973	70,170	90,658	46,451	61,696	21,743	31,503	66,733	85,732
1974	47,390	61,121	26,113	35,797	14,507	18,294	87,679	87,679
1975	55,250	71,615	31,228	40,106	19,217	24,315	116,944	145,575
1976	90,437	113,065	48,337	64,637	38,981[2]	50,050[2]	142,201	173,101
1977	112,088	138,790	85,320	105,538	71,937	87,810	146,630	171,683
1978	126,992	148,850	102,118	118,517	83,789	97,189	[3]	[3]
WINTER WHEAT								
1972	48,781	62,832	38,915	48,050	24,665	30,416	44,464	56,867
1973	32,864	44,391	17,399	25,021	6,012	10,693	33,623	44,748
1974	19,741	27,670	9,370	14,522	5,512	7,418	53,159	68,114
1975	32,052	42,764	17,264	23,061	10,438	13,374	73,166	94,328
1976	59,955	75,004	30,939	41,934	25,448[2]	32,915[2]	79,834	100,737
1977	63,215	80,813	45,979	58,675	38,343	48,649	81,536	96,136
1978	74,704	88,718	58,464	69,118	45,472	53,972	[3]	[3]
ALL SPRING WHEAT								
1972	49,789	59,323	38,373	45,777	24,620	29,962	45,472	56,224
1973	37,306	46,267	29,052	36,675	15,731	20,810	33,110	40,984
1974	27,649	33,451	16,743	21,275	8,995	10,876	34,520	42,159
1975	23,198	28,851	13,964	17,045	8,779	10,941	43,778	51,247
1976	30,482	38,061	17,398	22,703	13,533[2]	17,135[2]	62,367	72,364
1977	48,873	57,977	39,341	46,863	33,594	39,161	63,017	71,917
1978	52,288	60,132	43,654	49,399	38,317	43,217	[3]	[3]
OATS								
1969	8,652	9,549	5,686	6,243	3,131	3,732	17,446	18,806
1970	15,507	16,685	12,512	13,582	8,811	10,396	26,324	29,432
1971	22,661	25,517	19,685	22,962	13,963	17,248	16,048	20,229
1972	12,461	16,570	8,590	12,688	6,136	10,109	14,170	18,300
1973	12,989	16,842	8,856	12,833	6,731	10,159	10,091	13,073
1974	10,530	13,405	6,669	9,380	4,914	5,782	7,914	8,884
1975	7,315	8,184	4,389	5,224	2,860	3,301	11,073	11,546
1976	6,732	7,086	5,805	4,450	4,515[2]	3,440[2]	11,567	12,039
1977	7,310	7,701	4,296	4,692	3,391	3,610	11,362	11,712
1978	5,824	6,143	4,032	4,282	2,800	3,050	[3]	[3]
BARLEY								
1969	29,915	35,413	16,667	20,778	8,974	12,259	57,727	66,658
1970	50,256	56,968	34,636	40,397	18,337	22,344	64,481	73,961
1971	52,106	60,060	29,309	36,553	9,770	12,278	49,980	54,831
1972	39,984	44,833	22,344	27,490	10,584	13,831	49,930	56,248
1973	39,048	46,190	16,643	23,830	7,682	10,311	46,200	55,125
1974	42,000	50,173	24,000	29,989	14,400	17,793	32,250	38,139
1975	21,000	26,880	9,750	12,178	4,875	6,202	41,067	45,010
1976	29,913	34,229	14,703	18,268	8,112[2]	10,023[2]	38,007	42,336
1977	24,991	28,602	12,496	15,099	7,810	9,510	47,713	51,928
1978	39,946	44,207	23,302	25,902	14,425	16,725	[3]	[3]

[1]Includes farm stocks plus stocks at mills, elevators, warehouses, terminals, processors, and stocks owned by Commodity Credit Corporation.
[2]Starting in 1976 data pertains to June 1.
[3]Some data not available in time for publication.

MONTANA BARLEY PURCHASED FOR MALT PRODUCTION[1] by VARIETY & CROP YEAR[2]

	1975	1976	1977
		(000 bushels)	
Piroline	2,492	2,886	700
Shabet	1,672	1,981	415
Firbeck III	878	1,094	835
Karl	209	375	485
Klages	141	1,265	2,385
Other	1,335	792	795
Total	6,726	8,393	5,615
Percent of total crop (feed & malting types) purchased for malt	13.3 pct.	16.1 pct.	10.1 pct.

[1]As reported by domestic maltsters and brewers.
[2]Crop year is July 1 year shown through June 30 succeeding year.

MONTANA NEW CROPLAND[1] by CROP YEAR[2]

	1974	1975	1976	1977	4-Year total
			(000 acres)		
New land broken up	240	325	260	180	1,005
New land seeded	160	225	165	110	660

[1]Estimated from acreage surveys of producers.
[2]July 1 year shown through June 30 succeeding year.

BARLEY — 1976

Acreage, Yield, Production and Value by Counties — Irrigated and Not Irrigated

COUNTY & DISTRICT	TOTAL					IRRIGATED		NOT IRRIGATED	
	Acres Planted	Acres Harvested	Yield per Acre	Production	Value	Acres Harvested	Yield per Acre	Acres Harvested	Yield per Acre
			Bushels		Dollars		Bu.		Bu.
Deer Lodge	1,000	1,000	43.5	43,500	90,300	900	46.0	100	21.0
Flathead	27,200	26,900	57.8	1,556,100	3,230,500	11,000	63.0	15,900	54.3
Granite	1,400	1,200	47.8	57,300	119,000	1,100	48.0	100	45.0
Lake	12,000	11,800	50.7	598,000	1,241,500	8,400	53.0	3,400	44.9
Lincoln	100	100	30.0	3,000	6,200	100	30.0	--	--
Mineral	500	400	46.8	18,700	38,800	100	50.0	300	45.7
Missoula	3,800	3,600	42.3	152,200	316,000	1,900	48.0	1,700	35.9
Powell	5,600	5,000	48.3	241,300	500,900	4,700	49.0	300	36.7
Ravalli	6,400	6,400	55.9	357,800	742,800	5,000	60.0	1,400	41.3
Sanders	6,500	6,000	34.9	209,600	435,100	2,800	45.0	3,200	26.1
N. WEST	**64,500**	**62,400**	**51.9**	**3,237,500**	**6,721,100**	**36,000**	**55.2**	**26,400**	**47.3**
Blaine	50,500	50,400	43.8	2,205,900	4,524,400	3,600	48.0	46,800	43.4
Chouteau	42,800	41,600	43.1	1,792,000	3,675,500	1,300	60.0	40,300	42.5
Glacier	105,900	105,100	50.0	5,254,000	10,776,400	7,700	62.0	97,400	49.0
Hill	51,200	49,500	41.4	2,050,600	4,206,000	800	50.0	48,700	41.3
Liberty	38,400	38,000	43.7	1,661,500	3,407,800	100	50.0	37,900	43.7
Phillips	28,500	27,000	39.5	1,067,100	2,188,600	1,800	44.0	25,200	39.2
Pondera	88,300	87,200	50.9	4,442,000	9,111,000	18,400	61.0	68,800	48.3
Teton	76,200	74,600	52.7	3,934,600	8,070,200	37,800	62.0	36,800	43.2
Toole	86,200	86,100	45.0	3,877,200	7,952,400	500	50.0	85,600	45.0
N. CENTRAL	**568,000**	**559,500**	**47.0**	**26,284,900**	**53,912,300**	**72,000**	**60.3**	**487,500**	**45.0**
Daniels	30,000	29,300	40.5	1,186,400	2,259,300	--	--	29,300	40.5
Dawson	17,100	16,200	38.6	625,500	1,191,200	100	50.0	16,100	38.5
Garfield	13,800	9,700	24.3	236,000	449,400	--	--	9,700	24.3
McCone	14,500	14,100	32.4	456,300	869,000	--	--	14,100	32.4
Richland	38,600	37,500	41.5	1,557,100	2,965,300	2,900	59.0	34,600	40.1
Roosevelt	22,300	21,500	35.4	762,000	1,451,100	500	50.0	21,000	35.1
Sheridan	16,500	16,100	35.9	578,700	1,102,000	400	50.0	15,700	35.6
Valley	31,000	28,900	41.3	1,192,300	2,270,600	400	44.0	28,500	41.2
N. EAST	**183,800**	**173,300**	**38.1**	**6,594,300**	**12,557,900**	**4,300**	**55.5**	**169,000**	**37.6**
Broadwater	12,600	12,400	55.3	685,900	1,390,400	10,100	59.0	2,300	39.1
Cascade	35,100	33,500	42.7	1,431,200	2,901,200	2,100	51.0	31,400	42.2
Fergus	63,400	60,300	32.7	1,970,700	3,994,700	700	60.0	59,600	32.4
Golden Valley	3,200	3,100	29.4	91,000	184,500	500	36.0	2,600	28.1
Judith Basin	39,300	37,800	37.1	1,401,300	2,840,600	2,200	62.0	35,600	35.5
Lewis & Clark	9,100	8,400	50.3	422,700	856,900	5,700	56.0	2,700	38.3
Meagher	5,500	5,200	47.2	245,500	497,700	1,900	55.0	3,300	42.7
Musselshell	2,300	2,200	28.2	62,000	125,700	200	50.0	2,000	26.0
Petroleum	4,100	3,500	25.4	89,000	180,400	100	40.0	3,400	25.0
Wheatland	12,800	11,300	26.2	296,200	600,400	300	34.0	11,000	26.0
CENTRAL	**187,400**	**177,700**	**37.7**	**6,695,500**	**13,572,500**	**23,800**	**56.6**	**153,900**	**34.8**
Beaverhead	9,800	7,900	56.4	445,900	910,600	6,400	61.0	1,500	37.0
Gallatin	40,300	37,900	56.0	2,120,700	4,330,700	21,700	64.0	16,200	45.2
Jefferson	3,400	3,200	42.5	136,000	277,700	900	54.0	2,300	38.0
Madison	12,600	11,200	57.0	638,800	1,304,500	9,100	61.0	2,100	39.9
Silver Bow	200	200	60.0	12,000	24,500	200	60.0	--	--
S. WEST	**66,300**	**60,400**	**55.5**	**3,353,400**	**6,848,000**	**38,300**	**62.5**	**22,100**	**43.4**
Big Horn	12,800	9,900	44.4	439,500	907,600	4,900	47.0	5,000	41.8
Carbon	9,700	9,300	55.5	516,300	1,066,200	5,100	73.0	4,200	34.3
Park	7,600	5,700	35.6	203,000	419,200	2,000	40.0	3,700	33.2
Stillwater	19,400	18,200	39.0	710,400	1,467,100	1,800	66.0	16,400	36.1
Sweet Grass	4,800	4,200	51.7	217,200	448,500	3,000	58.0	1,200	36.0
Treasure	3,000	2,600	49.6	128,900	266,200	1,500	56.0	1,100	40.8
Yellowstone	26,800	25,600	52.8	1,352,500	2,792,900	10,400	68.0	15,200	42.5
S. CENTRAL	**84,100**	**75,500**	**47.3**	**3,567,800**	**7,367,700**	**28,700**	**61.6**	**46,800**	**38.5**
Carter	9,900	9,700	36.4	353,100	713,700	100	45.0	9,600	36.3
Custer	8,800	8,300	44.1	366,000	739,700	2,600	67.0	5,700	33.6
Fallon	15,500	14,600	35.1	512,800	1,036,400	--	--	14,600	35.1
Powder River	3,400	3,300	40.9	135,000	272,900	300	50.0	3,000	40.0
Prairie	8,000	7,900	35.8	282,900	571,800	1,300	45.0	6,600	34.0
Rosebud	9,300	7,700	45.0	346,500	700,300	3,600	65.0	4,100	27.4
Wibaux	11,000	9,700	34.6	335,300	677,700	--	--	9,700	34.6
S. EAST	**65,900**	**61,200**	**38.1**	**2,331,600**	**4,712,500**	**7,900**	**61.5**	**53,300**	**34.6**
STATE	**1,220,000**	**1,170,000**	**44.5**	**52,065,000**	**105,692,000**	**211,000**	**59.5**	**959,000**	**41.2**

BARLEY — 1977

Acreage, Yield, Production and Value by Counties — Irrigated and Not Irrigated

COUNTY & DISTRICT	TOTAL					IRRIGATED		NOT IRRIGATED	
	Acres Planted	Acres Harvested	Yield per Acre	Production	Value	Acres Harvested	Yield per Acre	Acres Harvested	Yield per Acre
			Bushels		Dollars		Bu.		Bu.
Deer Lodge	1,800	1,300	56.9	74,000	149,400	1,200	60.0	100	20.0
Flathead	37,800	37,000	48.0	1,777,000	3,588,800	12,900	69.0	24,100	36.8
Granite	1,300	1,100	59.1	65,000	131,300	1,000	63.0	100	20.0
Lake	16,000	13,900	46.5	646,000	1,304,700	11,000	50.0	2,900	33.1
Lincoln	300	200	40.0	8,000	16,200	100	40.0	100	40.0
Mineral	200	100	50.0	5,000	10,100	100	50.0	--	--
Missoula	5,600	3,400	38.8	132,000	266,600	1,500	60.0	1,900	22.1
Powell	4,600	4,200	54.3	228,000	460,500	4,100	55.1	100	20.0
Ravalli	5,300	4,700	60.6	285,000	575,600	4,100	64.9	600	31.7
Sanders	2,100	1,400	34.3	48,000	96,900	500	48.0	900	26.7
N. WEST	**75,000**	**67,300**	**48.6**	**3,268,000**	**6,600,100**	**36,500**	**60.0**	**30,800**	**35.0**
Blaine	45,000	42,800	35.2	1,506,000	2,578,200	4,400	52.0	38,400	33.3
Chouteau	142,500	139,400	37.8	5,268,000	9,018,700	2,900	50.0	136,500	37.5
Glacier	123,500	116,000	26.6	3,088,000	5,286,600	11,800	34.0	104,200	25.8
Hill	40,000	38,400	29.5	1,132,000	1,938,000	400	47.5	38,000	29.3
Liberty	43,300	41,600	26.8	1,115,000	1,908,900	--	--	41,600	26.8
Phillips	41,300	34,300	38.7	1,328,000	2,273,500	1,700	45.3	32,600	38.4
Pondera	120,000	115,200	39.4	4,534,000	7,762,100	25,600	55.0	89,600	34.9
Teton	104,400	98,000	45.9	4,501,000	7,705,600	40,000	70.0	58,000	29.3
Toole	90,000	80,100	30.3	2,425,000	4,151,500	500	56.0	79,600	30.1
N. CENTRAL	**750,000**	**705,800**	**35.3**	**24,897,000**	**42,623,100**	**87,300**	**58.5**	**618,500**	**32.0**
Daniels	23,900	20,100	26.0	522,000	816,900	--	--	20,100	26.0
Dawson	22,300	18,400	22.1	407,000	636,900	200	50.0	18,200	21.8
Garfield	27,500	24,900	23.4	582,000	910,700	--	--	24,900	23.4
McCone	34,500	29,100	17.9	520,000	813,700	100	50.0	29,000	17.8
Richland	37,400	30,500	29.5	899,000	1,406,800	3,100	57.1	27,400	26.4
Roosevelt	29,900	25,200	25.5	643,000	1,006,200	--	--	25,200	25.5
Sheridan	27,400	25,700	30.9	793,000	1,240,900	200	50.0	25,500	30.7
Valley	46,100	45,600	30.4	1,387,000	2,170,500	2,000	46.0	43,600	29.7
N. EAST	**249,000**	**219,500**	**26.2**	**5,753,000**	**9,002,600**	**5,600**	**52.5**	**213,900**	**25.5**
Broadwater	22,000	21,200	58.9	1,248,000	2,046,700	17,000	65.0	4,200	34.0
Cascade	64,700	64,100	40.2	2,579,000	4,229,400	9,300	47.5	54,800	39.0
Fergus	101,700	97,400	37.2	3,620,000	5,936,600	500	44.0	96,900	37.1
Golden Valley	7,400	5,900	21.9	129,000	211,600	600	38.3	5,300	20.0
Judith Basin	51,700	48,300	39.4	1,902,000	3,119,200	1,400	47.9	46,900	39.1
Lewis & Clark	14,100	11,400	47.7	544,000	892,100	8,800	53.0	2,600	30.0
Meagher	11,700	11,200	41.0	459,000	752,700	4,100	45.1	7,100	38.6
Musselshell	8,400	7,600	22.0	167,000	273,900	--	--	7,600	22.0
Petroleum	7,800	6,600	20.3	134,000	219,800	500	38.0	6,100	18.9
Wheatland	18,500	13,700	27.7	380,000	623,200	600	41.7	13,100	27.1
CENTRAL	**308,000**	**287,400**	**38.8**	**11,162,000**	**18,305,200**	**42,800**	**55.0**	**244,600**	**36.0**
Beaverhead	13,700	12,400	51.6	640,000	1,087,100	10,300	57.0	2,100	25.2
Gallatin	52,200	47,100	60.2	2,835,000	4,815,500	23,300	67.5	23,800	53.0
Jefferson	2,400	2,300	39.6	91,000	154,600	600	50.0	1,700	35.9
Madison	8,500	8,200	49.8	408,000	693,000	7,200	52.5	1,000	30.0
Silver Bow	200	100	50.0	5,000	8,500	100	50.0	--	--
S. WEST	**77,000**	**70,100**	**56.8**	**3,979,000**	**6,758,700**	**41,500**	**62.0**	**28,600**	**49.2**
Big Horn	26,000	25,400	42.6	1,081,000	1,889,600	7,000	49.3	18,400	40.0
Carbon	20,000	18,400	55.2	1,015,000	1,774,200	9,000	71.9	9,400	39.1
Park	12,700	12,300	38.4	472,000	825,000	3,700	44.6	8,600	35.7
Stillwater	21,800	20,200	26.5	535,000	935,200	1,500	70.0	18,700	23.0
Sweet Grass	6,500	6,400	42.3	271,000	473,700	1,500	54.7	4,900	38.6
Treasure	3,900	3,400	47.1	160,000	279,700	1,300	59.2	2,100	39.5
Yellowstone	27,100	26,400	45.0	1,188,000	2,076,600	10,800	65.0	15,600	31.2
S. CENTRAL	**118,000**	**112,500**	**42.0**	**4,722,000**	**8,254,000**	**34,800**	**61.0**	**77,700**	**33.4**
Carter	8,800	7,200	30.3	218,000	355,700	100	50.0	7,100	30.0
Custer	10,200	6,800	30.9	210,000	342,700	2,100	63.8	4,700	16.2
Fallon	16,200	14,500	27.0	392,000	639,600	--	--	14,500	27.0
Powder River	8,900	7,600	34.7	264,000	430,800	100	50.0	7,500	34.5
Prairie	8,800	8,000	23.9	191,000	311,600	500	48.0	7,500	22.3
Rosebud	12,100	8,200	36.8	302,000	492,800	2,700	64.1	5,500	23.5
Wibaux	8,000	5,100	23.9	122,000	199,100	--	--	5,100	23.9
S. EAST	**73,000**	**57,400**	**29.6**	**1,699,000**	**2,772,300**	**5,500**	**62.0**	**51,900**	**26.2**
STATE	**1,650,000**	**1,520,000**	**36.5**	**55,480,000**	**94,316,000**	**254,000**	**59.0**	**1,266,000**	**32.0**

BARLEY VARIETIES, 1972-1978

Variety	1972	1973	1974	1975	1976	1977	1978
	Percent of Total Seeded Acreage						
Piroline	32.0	34.1	35.8	25.2	24.8	37.8	31.3
Hector	--	--	.2	9.1	11.2	14.3	15.6
Klages	--	--	.2	.6	2.5	6.1	12.4
Unitan	17.8	19.0	16.5	10.0	8.9	7.9	6.2
Compana	11.8	9.5	8.0	13.3	5.5	3.0	6.0
Steptoe	--	.6	6.8	11.0	9.0	4.7	5.0
Shabet	4.9	8.6	8.4	8.4	17.0	5.0	4.4
Hypana	3.8	3.6	2.9	1.5	1.5	2.6	3.1
Betzes	11.5	7.7	6.0	4.5	5.1	2.8	2.8
Larker	2.1	1.7	.8	1.3	.9	3.7	2.5
Ingrid	2.1	2.3	2.1	2.5	2.4	2.5	1.9
Horsford	.5	.4	.9	.9	1.0	.5	1.4
Summit	--	--	--	--	--	--	1.0
Karl	--	--	--	--	.6	.9	1.0
Vanguard	.3	1.2	2.7	2.1	.9	.5	.9
Palliser	3.1	3.7	2.4	2.0	1.6	.7	.5
Firlbeck III	--	.4	.2	1.0	1.5	1.3	.4
Moravian III	--	--	--	--	--	.4	.3
Freja	--	--	--	--	--	--	.2
Vireo	--	--	--	--	--	--	.2
Other[1]	10.1	7.2	6.1	6.6	5.6	5.3	2.9
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0

[1]Includes minor and unknown varieties.

BARLEY VARIETIES, 1978

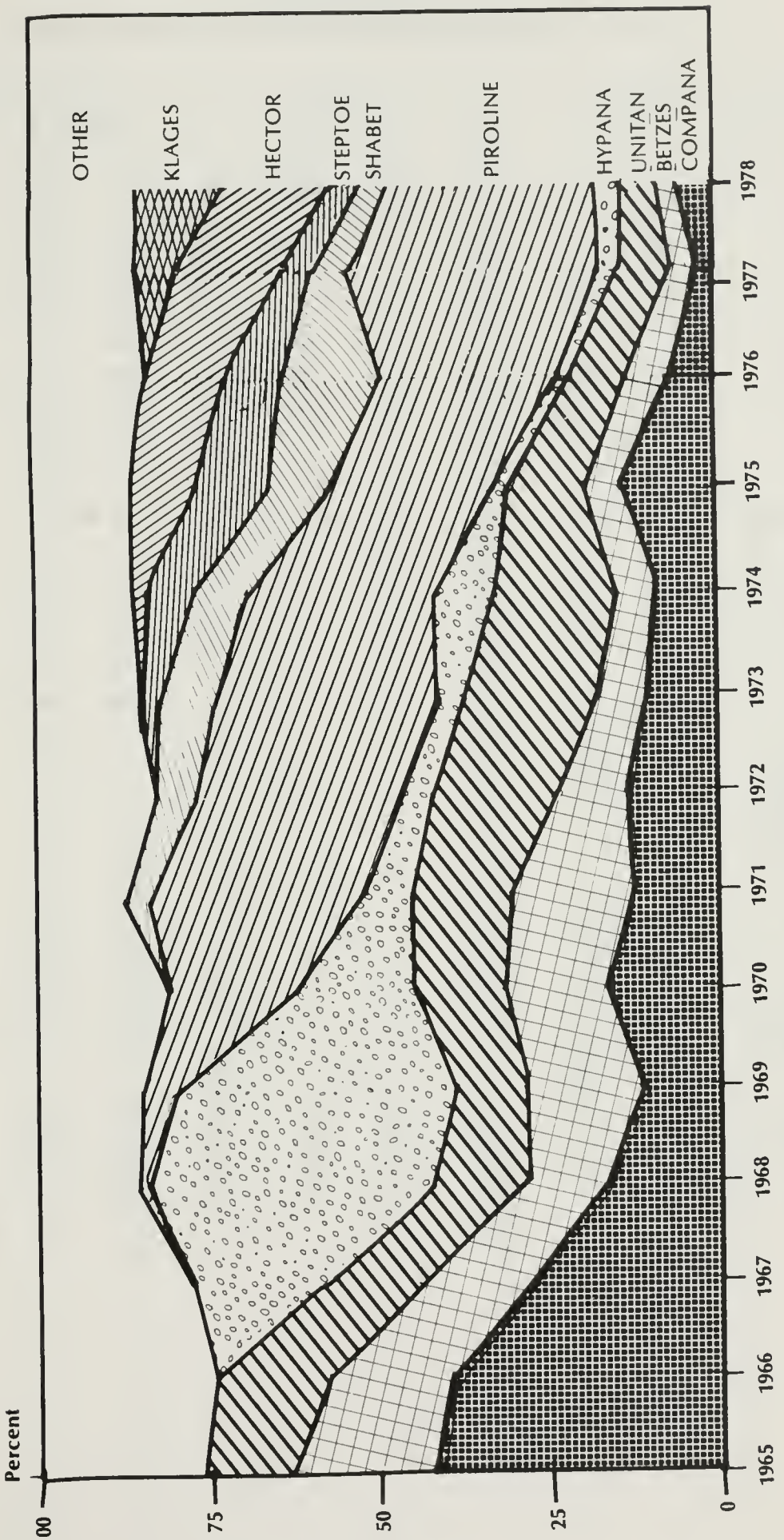
Seeded Acreage by Districts

Variety	N. WEST	N. CENT.	N. EAST	CENT.	S. WEST	S. CENT.	S. EAST	STATE
	Thousands							
Piroline	1.2	347.9	33.5	63.5	15.6	22.5	1.0	485.2
Hector	--	26.4	79.8	91.7	--	32.6	10.8	241.3
Klages	4.4	106.4	5.2	50.8	19.3	6.8	--	192.9
Unitan	7.8	6.7	21.3	9.4	6.0	21.2	23.1	95.5
Compana	3.7	23.1	9.5	36.8	3.1	16.3	--	92.5
Steptoe	1.0	5.5	29.3	12.4	9.5	8.3	11.4	77.4
Shabet	--	65.6	--	2.8	--	--	--	68.4
Hypana	--	7.4	13.6	18.3	8.6	--	--	47.9
Betzes	--	27.5	6.6	--	.1	.4	8.5	43.1
Larker	6.1	5.1	28.2	--	--	--	--	39.4
Ingrid	23.0	--	--	--	2.0	4.0	--	29.0
Horsford	1.3	8.7	1.2	5.5	4.0	.6	--	21.3
Summit	2.2	4.4	5.2	1.1	2.7	--	--	15.6
Karl	3.2	5.8	--	.7	5.6	--	--	15.3
Vanguard	--	7.8	5.6	--	.8	.2	--	14.4
Palliser	--	--	6.8	.7	--	--	--	7.5
Firlbeck III	--	5.5	--	--	--	1.1	--	6.6
Moravian III	--	2.5	--	--	--	1.5	--	4.0
Freja	2.5	--	--	--	--	--	1.2	3.7
Vireo	3.4	--	--	--	--	--	--	3.4
Other[1]	5.2	5.7	9.2	6.3	2.7	9.5	7.0	45.6
TOTAL	65.0	662.0	255.0	300.0	80.0	125.0	63.0	1,550.0

[1]Includes minor and unknown varieties.

BARLEY

Major Varieties as Percent of Total Acreage — 1965-1978



CORN — 1976

Acreage, Utilization, Silage Yield by Counties — Irrigated and Not Irrigated

COUNTY & DISTRICT	ACRES				HARVESTED FOR SILAGE			
					Irrigated		Not Irrigated	
	Planted	Harvested for Grain	Harvested for Forage and Grazed	Harvested for Silage	Acres Harvested	Yield per Acre	Acres Harvested	Yield per Acre
						Tons		Tons
Flathead	200	--	--	200	200	17.0	--	--
Lake	1,400	--	--	1,400	1,400	18.0	--	--
Missoula	400	--	--	400	400	17.0	--	--
Ravalli	800	--	--	800	800	19.0	--	--
Sanders	100	--	--	100	100	16.0	--	--
N. WEST	**2,900**	**--**	**--**	**2,900**	**2,900**	**18.0**	**--**	**--**
Blaine	3,100	--	100	3,000	2,800	16.0	200	5.0
Chouteau	200	--	--	200	200	17.0	--	--
Hill	400	100	--	300	300	17.0	--	--
Liberty	100	--	--	100	100	15.0	--	--
Phillips	1,500	--	--	1,500	1,300	16.0	200	7.0
Pondera	100	--	--	100	100	16.0	--	--
Teton	400	--	--	400	300	15.0	100	6.0
Toole	100	--	--	100	100	15.0	--	--
N. CENTRAL	**5,900**	**100**	**100**	**5,700**	**5,200**	**16.0**	**500**	**6.0**
Daniels	300	200	100	--	--	--	--	--
Dawson	4,000	500	100	3,200	2,200	17.0	1,000	7.0
Garfield	900	--	100	800	700	18.0	100	4.0
McCone	500	200	100	200	100	16.0	100	3.0
Richland	8,800	1,200	900	6,400	4,300	17.0	2,100	6.0
Roosevelt	1,600	300	600	600	500	16.0	100	5.0
Sheridan	100	--	--	100	100	16.0	--	--
Valley	4,600	200	1,900	2,400	2,200	17.0	200	4.0
N. EAST	**20,800**	**2,600**	**3,800**	**13,700**	**10,100**	**17.0**	**3,600**	**6.0**
Broadwater	400	--	--	400	400	18.0	--	--
Cascade	1,600	200	200	1,100	800	16.0	300	8.0
Fergus	600	--	--	500	200	16.0	300	8.0
Golden Valley	300	--	100	200	200	16.0	--	--
Judith Basin	200	--	100	--	--	--	--	--
Lewis & Clark	100	--	--	100	100	18.0	--	--
Musselshell	1,100	--	100	1,000	1,000	15.0	--	--
CENTRAL	**4,300**	**200**	**500**	**3,300**	**2,700**	**16.0**	**600**	**8.0**
Gallatin	300	--	--	300	300	17.0	--	--
S. WEST	**300**	**--**	**--**	**300**	**300**	**17.0**	**--**	**--**
Big Horn	5,800	1,100	--	4,700	4,700	16.0	--	--
Carbon	2,900	300	--	2,600	2,600	19.0	--	--
Stillwater	2,700	400	--	2,300	2,000	15.0	300	8.0
Treasure	4,000	200	--	3,800	3,800	18.0	--	--
Yellowstone	13,800	900	100	12,800	12,800	19.0	--	--
S. CENTRAL	**29,200**	**2,900**	**100**	**26,200**	**25,900**	**18.0**	**300**	**8.0**
Carter	500	200	--	300	--	--	300	5.0
Custer	6,600	800	200	5,400	5,000	17.0	400	7.0
Fallon	1,300	600	100	400	200	15.0	200	6.0
Powder River	400	200	100	100	100	16.0	--	--
Prairie	4,900	600	--	4,100	3,800	16.0	300	7.0
Rosebud	8,000	2,600	--	5,200	4,600	15.0	600	6.0
Wibaux	900	200	100	400	200	15.0	200	6.0
S. EAST	**22,600**	**5,200**	**500**	**15,900**	**13,900**	**16.0**	**2,000**	**6.1**
STATE	**86,000**	**11,000**	**5,000**	**68,000**	**61,000**	**17.1**	**7,000**	**6.3**

CORN — 1977

Acreage, Utilization, Silage Yield by Counties — Irrigated and Not Irrigated

COUNTY & DISTRICT	ACRES				HARVESTED FOR SILAGE			
					Irrigated		Not Irrigated	
	Planted	Harvested for Grain	Harvested for Forage and Grazed	Harvested for Silage	Acres Harvested	Yield per Acre	Acres Harvested	Yield per Acre
						Tons		Tons
Flathead	100	--	--	100	100	18.0	--	--
Lake	1,500	--	--	1,500	1,500	19.0	--	--
Missoula	200	--	--	200	200	18.0	--	--
Ravalli	500	--	--	500	500	20.0	--	--
Sanders	100	--	--	100	100	17.0	--	--
N. WEST	**2,400**	**--**	**--**	**2,400**	**2,400**	**19.0**	**--**	**--**
Blaine	1,400	--	100	1,200	1,200	17.0	--	--
Chouteau	400	--	--	300	300	18.0	--	--
Hill	500	100	--	300	300	16.0	--	--
Liberty	100	--	--	100	100	17.0	--	--
Phillips	700	--	--	700	700	17.0	--	--
N. CENTRAL	**3,100**	**100**	**100**	**2,600**	**2,600**	**17.0**	**--**	**--**
Daniels	300	100	100	--	--	--	--	--
Dawson	4,400	800	300	3,000	2,300	17.0	700	8.4
Garfield	1,900	100	600	800	700	15.0	100	7.0
McCone	800	200	--	400	300	16.0	100	8.0
Richland	10,700	2,600	1,800	6,200	4,200	20.0	2 000	10.7
Roosevelt	1,400	--	500	800	700	14.0	100	6.0
Sheridan	300	--	100	100	100	15.0	--	--
Valley	3,200	--	--	3,200	2,600	13.8	600	4.0
N. EAST	**23,000**	**3,800**	**3,400**	**14,500**	**10,900**	**17.0**	**3,600**	**8.8**
Broadwater	100	--	--	100	100	16.0	--	--
Cascade	500	100	--	300	300	16.0	--	--
Fergus	300	--	--	300	300	16.0	--	--
Golden Valley	400	--	--	300	300	18.0	--	--
Judith Basin	200	--	--	200	200	14.0	--	--
Musselshell	1,100	100	--	900	700	13.0	200	4.0
Petroleum	100	--	--	100	100	15.0	--	--
CENTRAL	**2,700**	**200**	**--**	**2,200**	**2,000**	**15.0**	**200**	**4.0**
Gallatin	300	--	--	300	300	17.0	--	--
S. WEST	**300**	**--**	**--**	**300**	**300**	**17.0**	**--**	**--**
Big Horn	4,200	300	--	3,800	3,800	16.0	--	--
Carbon	4,900	200	--	4,600	4,600	19.0	--	--
Stillwater	3,400	--	--	3,400	2,100	21.0	1,300	9.2
Treasure	4,300	1,000	--	3,200	3,000	21.0	200	5.0
Yellowstone	18,200	1,000	300	16,700	16,700	20.0	--	--
S. CENTRAL	**35,000**	**2,500**	**300**	**31,700**	**30,200**	**19.5**	**1,500**	**8.7**
Carter	500	--	100	400	200	18.0	200	8.0
Custer	7,300	800	400	5,800	5,600	15.3	200	6.0
Fallon	2,000	400	--	1,300	1,100	18.0	200	5.0
Prairie	3,900	200	--	3,400	3,400	15.0	--	--
Rosebud	8,700	3,000	400	4,900	4,400	16.0	500	6.2
Wibaux	1,100	--	300	500	300	20.0	200	5.0
S. EAST	**23,500**	**4,400**	**1,200**	**16,300**	**15,000**	**15.8**	**1,300**	**6.1**
STATE	**90,000**	**11,000**	**5,000**	**70,000**	**63,400**	**17.9**	**6,600**	**8.1**

CORN FOR GRAIN — 1976 and 1977

Acreage, Yield, Production and Value by Counties — Principally Irrigated

COUNTY & DISTRICT	1976 Acres Harvested	1976 Yield per Acre	1976 Production	1976 Value	1977 Acres Harvested	1977 Yield per Acre	1977 Production	1977 Value
		Bushels		Dollars		Bushels		Dollars
Hill	100	75.0	7,500	18,400	100	50.0	5,000	11,500
N. CENTRAL	**100**	**75.0**	**7,500**	**18,400**	**100**	**50.0**	**5,000**	**11,500**
Daniels	200	55.0	11,000	26,950	100	50.0	5,000	11,500
Dawson	500	65.0	32,500	79,600	800	65.0	52,000	119,600
Garfield	—	—	—	—	100	50.0	5,000	11,500
McCone	200	60.0	12,000	29,400	200	50.0	10,000	23,000
Richland	1,200	70.0	84,000	205,800	2,600	60.0	156,000	358,700
Roosevelt	300	55.0	16,500	40,400	--	--	--	--
Valley	200	65.0	13,000	31,800	--	--	--	--
N. EAST	**2,600**	**65.0**	**169,000**	**413,950**	**3,800**	**60.0**	**228,000**	**524,300**
Cascade	200	75.0	15,000	36,750	100	50.0	5,000	11,500
Musselshell	—	—	—	—	100	50.0	5,000	11,500
CENTRAL	**200**	**75.0**	**15,000**	**36,750**	**200**	**50.0**	**10,000**	**23,000**
Big Horn	1,100	80.0	88,000	215,600	300	70.0	21,000	48,300
Carbon	300	75.0	22,500	55,100	200	70.0	14,000	32,200
Stillwater	400	70.0	28,000	68,600	--	--	--	--
Treasure	200	80.0	16,000	39,200	1,000	65.0	65,000	149,400
Yellowstone	900	70.0	63,000	154,300	1,000	75.0	75,000	172,400
S. CENTRAL	**2,900**	**75.0**	**217,500**	**532,800**	**2,500**	**70.0**	**175,000**	**402,300**
Carter	200	65.0	13,000	31,800	—	—	—	--
Custer	800	80.0	64,000	156,800	800	80.0	64,000	147,200
Fallon	600	70.0	42,000	102,900	400	65.0	26,000	59,800
Powder River	200	70.0	14,000	34,300	--	--	--	--
Prairie	600	80.0	48,000	117,600	200	75.0	15,000	34,500
Rosebud	2,600	85.0	221,000	541,400	3,000	75.0	225,000	517,400
Wibaux	200	70.0	14,000	34,300	--	--	--	--
S. EAST	**5,200**	**80.0**	**416,000**	**1,019,100**	**4,400**	**75.0**	**330,000**	**758,900**
STATE	**11,000**	**75.0**	**825,000**	**2,021,000**	**11,000**	**68.0**	**748,000**	**1,720,000**

FLAXSEED — 1976 and 1977

Acreage, Yield, Production and Value by Counties — Principally Not Irrigated

COUNTY & DISTRICT	1976 Acres Planted	1976 Acres Harvested	1976 Yield per Acre	1976 Production	1976 Value	1977 Acres Planted	1977 Acres Harvested	1977 Yield per Acre	1977 Production	1977 Value
			Bushels		Dollars			Bushels		Dollars
Blaine	200	200	10.0	2,000	13,500	300	300	9.0	2,700	10,800
Toole	100	100	10.0	1,000	6,800	--	--	--	--	--
N. CENTRAL	**300**	**300**	**10.0**	**3,000**	**20,300**	**300**	**300**	**9.0**	**2,700**	**10,800**
Daniels	600	500	9.0	4,500	30,400	700	600	7.0	4,200	16,800
Dawson	300	300	11.0	3,300	22,300	100	100	6.0	600	2,400
Garfield	—	—	—	—	—	100	100	6.0	600	2,400
McCone	700	600	9.0	5,400	36,500	200	200	5.0	1,000	4,000
Richland	800	700	11.0	7,700	52,000	1,000	900	8.0	7,200	28,800
Roosevelt	700	600	11.0	6,600	44,600	300	300	7.0	2,100	8,400
Sheridan	600	600	10.0	6,000	40,500	900	800	7.0	5,600	22,400
Valley	500	500	9.0	4,500	30,400	300	300	6.0	1,800	7,200
N. EAST	**4,200**	**3,800**	**10.0**	**38,000**	**256,700**	**3,600**	**3,300**	**7.0**	**23,100**	**92,400**
Treasure	--	--	--	--	--	100	100	7.0	700	2,800
Yellowstone	--	--	--	--	--	800	700	7.0	4,900	19,600
S. CENTRAL	**--**	**--**	**--**	**--**	**--**	**900**	**800**	**7.0**	**5,600**	**22,400**
Carter	200	200	9.0	1,800	12,200	100	100	4.0	400	1,600
Custer	100	100	10.0	1,000	6,800	--	--	--	--	--
Fallon	100	100	10.0	1,000	6,800	400	300	6.0	1,800	7,200
Prairie	100	100	10.0	1,000	6,800	200	200	7.0	1,400	5,600
Rosebud	100	100	9.0	900	6,100	--	--	--	--	--
Wibaux	400	300	11.0	3,300	22,300	--	--	--	--	--
S. EAST	**1,000**	**900**	**9.0**	**9,000**	**61,000**	**700**	**600**	**6.0**	**3,600**	**14,400**
STATE	**5,500**	**5,000**	**10.0**	**50,000**	**338,000**	**5,500**	**5,000**	**7.0**	**35,000**	**140,000**

SUGARBEETS — 1976 and 1977

Acreage, Yield, Production and Value by Counties — All Irrigated

COUNTY & DISTRICT	1976 Acres Planted	1976 Acres Harvested	1976 Yield per Acre	1976 Production	1976 Value	1977 Acres Planted	1977 Acres Harvested	1977 Yield per Acre	1977 Production	1977 Value
			Tons		Dollars			Tons		Dollars
Ravalli	400	400	20.0	8,000	179,200	380	370	19.5	7,200	181,400
N. WEST	**400**	**400**	**20.0**	**8,000**	**179,200**	**380**	**370**	**19.5**	**7,200**	**181,400**
Blaine	340	340	17.9	6,100	136,600	350	340	19.7	6,700	168,800
N. CENTRAL	**340**	**340**	**17.9**	**6,100**	**136,600**	**350**	**340**	**19.7**	**6,700**	**168,800**
Dawson	3,300	3,290	20.9	68,900	1,543,400	2,650	2,620	21.0	55,100	1,388,500
Richland	12,010	11,920	21.5	256,800	5,752,200	11,500	10,880	19.3	209,600	5,281,900
N. EAST	**15,310**	**15,210**	**21.4**	**325,700**	**7,295,600**	**14,150**	**13,500**	**19.6**	**264,700**	**6,670,400**
Broadwater	1,660	1,650	16.8	27,700	620,500	1,650	1,620	14.8	23,900	602,300
CENTRAL	**1,660**	**1,650**	**16.8**	**27,700**	**620,500**	**1,650**	**1,620**	**14.8**	**23,900**	**602,300**
Big Horn	2,640	2,640	19.7	51,900	1,162,600	3,200	3,190	19.8	63,200	1,592,600
Carbon	6,080	6,040	19.4	117,100	2,623,000	7,180	6,970	18.8	131,300	3,308,800
Stillwater	870	870	19.8	17,200	385,300	1,070	1,040	20.9	21,700	546,800
Treasure	3,990	3,900	22.2	86,700	1,942,100	3,800	3,640	21.6	78,700	1,983,200
Yellowstone	9,250	9,210	20.9	192,300	4,307,400	10,230	10,050	20.1	201,600	5,080,300
S. CENTRAL	**22,830**	**22,660**	**20.5**	**465,200**	**10,420,400**	**25,480**	**24,890**	**19.9**	**496,500**	**12,511,700**
Custer	2,630	2,630	25.6	67,400	1,509,700	1,270	1,190	22.0	26,200	660,200
Prairie	2,060	2,050	20.9	42,900	961,000	1,900	1,870	22.8	42,600	1,073,500
Rosebud	1,170	1,160	21.6	25,000	560,000	1,220	1,220	23.1	28,200	710,700
S. EAST	**5,860**	**5,840**	**23.2**	**135,300**	**3,030,700**	**4,390**	**4,280**	**22.7**	**97,000**	**2,444,400**
STATE	**46,400**	**46,100**	**21.0**	**968,000**	**21,683,000**	**46,400**	**45,000**	**19.9**	**896,000**	**22,579,000**

DRY BEANS — 1976 and 1977

Acreage, Yield, Production and Value by Counties — All Irrigated

COUNTY & DISTRICT	1976 Acres Planted	1976 Acres Harvested	1976 Yield per Acre	1976 Production	1976 Value	1977 Acres Planted	1977 Acres Harvested	1977 Yield per Acre	1977 Production	1977 Value
			100 lb. bags (cleaned)		Dollars			100 lb. bags (cleaned)		Dollars
Dawson	2,000	2,000	16.0	32,000	374,400	1,500	1,450	16.0	23,200	589,300
McCone	--	--	--	--	--	--	--	--	--	--
Richland	2,850	2,850	18.0	51,300	600,200	2,200	2,150	16.0	34,400	873,800
N. EAST	**4,850**	**4,850**	**17.2**	**83,300**	**974,600**	**3,700**	**3,600**	**16.0**	**57,600**	**1,463,100**
Big Horn	500	500	17.0	8,500	99,400	300	300	16.0	4,800	121,900
Carbon	1,050	1,050	17.0	17,900	209,400	650	600	16.0	9,600	243,900
Stillwater	150	150	16.0	2,400	28,100	100	100	16.0	1,600	40,700
Treasure	700	700	17.0	11,900	139,200	500	500	16.0	8,000	203,200
Yellowstone	650	650	17.0	11,100	129,900	650	600	15.5	9,300	236,300
S. CENTRAL	**3,050**	**3,050**	**17.0**	**51,800**	**606,000**	**2,200**	**2,100**	**15.9**	**33,300**	**846,000**
Custer	100	100	15.0	1,500	17,500	50	50	15.0	750	19,100
Prairie	550	550	16.0	8,800	103,000	300	300	16.0	4,800	121,900
Rosebud	400	400	17.0	6,800	79,500	400	400	17.0	6,800	172,800
Wibaux	50	50	16.0	800	9,400	50	50	15.0	750	19,100
S. EAST	**1,100**	**1,100**	**16.3**	**17,900**	**209,400**	**800**	**800**	**16.4**	**13,100**	**332,900**
STATE	**9,000**	**9,000**	**17.0**	**153,000**	**1,790,000**	**6,700**	**6,500**	**16.0**	**104,000**	**2,642,000**

OATS — 1973[1]

Acreage, Yield and Production by Counties

COUNTY & DISTRICT	1973 Acres Planted	1973 Acres Harv. for Grain	1973 Yield per Acre	1973 Production
			Bushels	
Deer Lodge	200	100	58.0	5,800
Flathead	7,000	3,700	38.9	143,800
Granite	400	200	60.0	12,000
Lake	4,900	3,000	41.7	125,000
Lincoln	700	300	58.7	17,600
Mineral	100	—	—	—
Missoula	1,700	1,000	41.8	41,800
Powell	1,500	1,000	36.2	36,200
Ravalli	1,400	800	60.8	48,600
Sanders	2,100	1,200	33.3	40,000
N. WEST	**20,000**	**11,300**	**41.7**	**470,800**
Blaine	10,000	6,000	31.6	189,600
Chouteau	16,000	7,500	30.2	226,800
Glacier	4,500	2,200	27.8	61,200
Hill	9,500	4,500	23.0	103,300
Liberty	5,500	2,500	27.6	69,000
Phillips	20,000	10,000	26.3	262,600
Pondera	6,500	3,000	29.7	89,100
Teton	7,000	4,000	26.7	106,600
Toole	5,000	3,000	27.5	82,500
N. CENTRAL	**84,000**	**42,700**	**27.9**	**1,190,700**
Daniels	11,000	7,000	27.2	190,600
Dawson	21,800	14,000	48.7	682,300
Garfield	9,400	8,500	42.2	358,300
McCone	15,800	8,500	42.2	358,600
Richland	27,000	15,000	53.7	805,200
Roosevelt	24,000	12,000	43.1	516,600
Sheridan	18,200	8,000	32.3	258,600
Valley	24,000	12,000	33.2	398,400
N. EAST	**151,200**	**85,000**	**42.0**	**3,568,600**
Broadwater	1,500	200	46.0	9,200
Cascade	5,500	2,500	28.9	72,200
Fergus	7,500	5,000	28.5	142,600
Golden Valley	2,500	2,000	31.0	62,000
Judith Basin	7,000	5,500	35.5	195,000
Lewis & Clark	8,500	1,000	39.5	39,500
Meagher	6,000	5,500	20.9	114,700
Musselshell	3,000	1,500	31.2	46,800
Petroleum	1,500	1,000	47.0	47,000
Wheatland	3,000	1,700	22.1	37,600
CENTRAL	**46,000**	**25,900**	**29.6**	**766,600**
Beaverhead	3,300	1,400	52.0	72,800
Gallatin	4,800	3,000	58.0	174,000
Jefferson	5,900	3,000	32.6	97,900
Madison	3,000	1,400	43.6	61,000
Silver Bow	600	200	52.0	10,400
S. WEST	**17,600**	**9,000**	**46.2**	**416,100**
Big Horn	4,500	3,500	52.5	183,900
Carbon	4,200	2,400	48.3	115,900
Park	3,000	2,400	42.5	102,000
Stillwater	4,300	3,600	26.7	96,000
Sweet Grass	4,300	1,100	47.1	51,800
Treasure	1,300	1,000	47.9	47,900
Yellowstone	3,600	1,800	43.3	77,900
S. CENTRAL	**25,200**	**15,800**	**42.7**	**675,400**
Carter	8,400	6,400	38.4	245,900
Custer	6,300	4,200	51.3	215,600
Fallon	14,600	8,000	44.0	352,000
Powder River	5,400	4,000	46.0	184,000
Prairie	6,100	3,000	46.8	140,500
Rosebud	4,200	2,200	57.9	127,300
Wibaux	11,000	7,500	56.2	421,500
S. EAST	**56,000**	**35,300**	**47.8**	**1,686,800**
STATE	**400,000**	**225,000**	**39.0**	**8,775,000**

[1]Revised

OATS — 1974 & 1975[1]

Acreage, Yield and Production by Counties

COUNTY & DISTRICT	1974 Acres Planted	1974 Acres Harv. for Grain	1974 Yield per Acre	1974 Production	1975 Acres Planted	1975 Acres Harv. for Grain	1975 Yield per Acre	1975 Production
			Bushels				Bushels	
Deer Lodge	500	300	60.3	18,100	--	--	--	--
Flathead	6,900	2,800	46.1	129,000	1,100	700	36.4	25,500
Granite	400	200	50.0	10,000	--	--	--	--
Lake	2,500	1,700	58.4	99,200	2,200	1,300	48.3	62,800
Lincoln	500	300	48.0	14,400	600	300	39.3	11,800
Mineral	300	100	60.0	6,000	200	100	59.0	5,900
Missoula	1,200	600	57.3	34,400	1,800	1,100	59.5	65,400
Powell	1,800	1,100	49.1	54,000	2,500	1,500	52.5	78,800
Ravalli	1,400	700	54.1	37,900	1,400	800	50.3	40,200
Sanders	2,500	1,200	46.7	56,000	1,200	700	40.9	28,600
N. WEST	**18,000**	**9,000**	**51.0**	**459,000**	**11,000**	**6,500**	**49.1**	**319,000**
Blaine	6,500	4,600	48.9	224,800	7,400	4,600	44.4	204,400
Chouteau	11,400	3,100	33.0	102,200	5,700	3,500	46.0	161,000
Glacier	4,600	1,800	25.9	46,600	3,200	2,000	42.5	85,000
Hill	6,200	3,000	28.8	86,500	6,500	4,000	40.7	162,900
Liberty	4,000	2,000	22.2	44,400	3,600	2,200	46.0	101,200
Phillips	16,000	11,000	43.7	480,200	16,700	10,300	45.0	463,300
Pondera	7,000	2,500	25.6	64,100	4,400	2,700	50.5	136,300
Teton	5,000	3,000	38.3	115,000	4,000	2,500	47.2	117,900
Toole	5,300	2,000	28.6	57,200	4,000	2,500	36.0	90,000
N. CENTRAL	**66,000**	**33,000**	**37.0**	**1,221,000**	**55,500**	**34,300**	**44.4**	**1,522,000**
Daniels	6,000	3,600	32.0	115,200	5,400	3,200	34.0	108,800
Dawson	16,800	9,900	42.6	421,500	14,900	8,800	46.4	408,200
Garfield	8,000	5,000	31.7	158,400	7,700	4,500	36.9	166,200
McCone	10,800	5,800	36.3	210,500	8,500	5,000	56.9	284,500
Richland	20,000	14,700	40.3	592,900	24,000	14,100	55.1	776,300
Roosevelt	18,000	10,000	34.7	347,000	15,000	8,800	32.7	288,000
Sheridan	12,000	9,000	33.4	300,500	14,600	8,600	39.6	340,800
Valley	20,000	7,500	36.9	277,000	11,900	7,000	33.9	237,200
N. EAST	**111,600**	**65,500**	**37.0**	**2,423,000**	**102,000**	**60,000**	**43.5**	**2,610,000**
Broadwater	1,500	1,500	36.2	54,300	1,900	1,400	57.1	80,000
Cascade	5,400	2,800	30.0	84,000	4,000	3,000	44.7	134,000
Fergus	7,000	4,500	34.1	153,300	6,400	4,800	41.0	196,800
Golden Valley	1,500	1,100	35.6	39,200	2,200	1,600	35.3	56,400
Judith Basin	3,000	2,100	25.0	52,500	4,000	3,000	44.0	132,000
Lewis & Clark	8,200	1,200	36.0	43,200	2,100	1,600	58.0	92,800
Meagher	3,200	2,800	19.0	53,200	3,300	2,500	45.8	114,600
Musselshell	2,500	2,000	33.0	66,000	3,400	2,500	42.0	104,900
Petroleum	300	300	40.3	12,100	400	300	27.0	8,100
Wheatland	2,600	2,200	26.0	57,200	3,500	2,600	35.9	93,400
CENTRAL	**35,200**	**20,500**	**30.0**	**615,000**	**31,200**	**23,300**	**43.5**	**1,013,000**
Beaverhead	2,800	1,000	53.2	53,200	1,200	700	58.6	41,000
Gallatin	4,100	2,500	44.6	111,500	3,300	1,900	65.0	123,500
Jefferson	5,000	1,800	25.0	45,000	2,600	1,500	54.1	81,100
Madison	2,600	1,300	44.8	58,200	1,500	900	60.0	54,000
Silver Bow	500	400	47.8	19,100	300	200	62.0	12,400
S. WEST	**15,000**	**7,000**	**41.0**	**287,000**	**8,900**	**5,200**	**60.0**	**312,000**
Big Horn	3,200	2,600	55.0	143,000	3,100	2,300	53.4	122,800
Carbon	3,000	2,000	51.0	102,000	2,300	1,700	56.1	95,300
Park	2,100	1,500	45.0	67,500	1,700	1,200	48.3	57,900
Stillwater	3,000	1,900	30.9	58,700	2,200	1,600	44.1	70,600
Sweet Grass	3,000	2,300	48.5	111,500	2,600	1,900	57.0	108,300
Treasure	900	700	49.0	34,300	700	500	62.8	31,400
Yellowstone	2,500	1,500	55.3	83,000	2,000	1,500	59.8	89,700
S. CENTRAL	**17,700**	**12,500**	**48.0**	**600,000**	**14,600**	**10,700**	**53.8**	**576,000**
Carter	5,500	5,000	30.5	152,400	7,400	6,000	31.9	191,500
Custer	4,100	3,100	45.0	139,500	4,300	3,500	37.1	129,700
Fallon	9,500	6,000	38.2	229,000	8,600	7,000	30.2	211,400
Powder River	3,500	3,000	35.5	106,500	3,300	2,700	32.3	87,200
Prairie	4,000	3,000	46.2	138,600	4,300	3,500	50.6	177,100
Rosebud	3,900	1,800	39.9	71,800	2,800	2,300	49.4	113,700
Wibaux	6,000	5,600	37.0	207,200	6,100	5,000	43.5	217,400
S. EAST	**36,500**	**27,500**	**38.0**	**1,045,000**	**36,800**	**30,000**	**37.6**	**1,128,000**
STATE	**300,000**	**175,000**	**38.0**	**6,650,000**	**260,000**	**170,000**	**44.0**	**7,480,000**

[1]Revised

OATS — 1976

Acreage, Yield, Production and Value by Counties — Irrigated and Not Irrigated

COUNTY & DISTRICT	TOTAL					IRRIGATED		NOT IRRIGATED	
	Acres Planted	Acres Harvested	Yield per Acre	Production	Value	Acres Harvested	Yield per Acre	Acres Harvested	Yield per Acre
			Bushels		Dollars		Bu.		Bu.
Flathead	2,900	2,200	58.3	128,200	206,500	800	64.0	1,400	55.0
Granite	400	100	61.0	6,100	9,800	100	61.0	--	--
Lake	2,100	1,700	66.8	113,500	182,800	900	71.0	800	62.0
Lincoln	700	500	54.0	27,000	43,500	300	58.0	200	48.0
Mineral	400	100	61.0	6,100	9,800	100	61.0	--	--
Missoula	2,000	1,000	54.3	54,300	87,400	700	57.0	300	48.0
Powell	2,000	1,500	60.4	90,600	145,900	900	64.0	600	55.0
Ravalli	1,400	900	66.7	60,000	96,600	600	71.0	300	58.0
Sanders	1,600	1,000	61.4	61,400	98,900	400	68.0	600	57.0
N. WEST	**13,500**	**9,000**	**60.8**	**547,200**	**881,200**	**4,800**	**65.0**	**4,200**	**56.0**
Blaine	8,200	3,600	52.9	190,400	262,800	800	63.0	2,800	50.0
Chouteau	7,700	3,500	52.8	184,700	255,000	300	61.0	3,200	52.0
Glacier	3,700	2,100	55.2	116,000	160,100	100	60.0	2,000	55.0
Hill	11,400	4,800	48.2	231,500	319,500	100	59.0	4,700	48.0
Liberty	2,200	900	55.0	49,500	68,300	--	--	900	55.0
Phillips	8,900	4,300	55.6	239,100	330,000	700	69.0	3,600	53.0
Pondera	4,600	2,800	55.9	156,400	215,900	300	63.0	2,500	55.0
Teton	2,200	1,200	54.3	65,200	90,000	200	61.0	1,000	53.0
Toole	4,500	1,800	54.0	97,200	134,200	--	--	1,800	54.0
N. CENTRAL	**53,400**	**25,000**	**53.2**	**1,330,000**	**1,835,800**	**2,500**	**64.0**	**22,500**	**52.0**
Daniels	5,800	2,000	45.0	90,000	118,200	--	--	2,000	45.0
Dawson	8,300	5,500	48.0	264,000	346,800	500	58.0	5,000	47.0
Garfield	5,200	3,800	37.3	141,900	186,400	100	50.0	3,700	37.0
McCone	9,700	5,000	41.0	205,000	269,300	--	--	5,000	41.0
Richland	24,100	11,400	49.5	564,800	741,800	2,100	60.0	9,300	47.2
Roosevelt	13,400	7,700	38.9	299,900	393,900	1,000	52.0	6,700	37.0
Sheridan	12,800	7,500	42.0	315,000	413,700	500	56.0	7,000	41.0
Valley	22,700	8,400	41.0	344,000	451,800	800	50.0	7,600	40.0
N. EAST	**102,000**	**51,300**	**43.4**	**2,224,600**	**2,921,900**	**5,000**	**56.0**	**46,300**	**42.0**
Broadwater	1,700	1,700	47.0	79,900	124,300	1,200	52.0	500	35.0
Cascade	2,500	2,100	45.7	96,000	149,400	600	60.0	1,500	40.0
Fergus	7,800	4,600	47.3	217,600	338,500	400	61.0	4,200	46.0
Golden Valley	2,500	2,100	40.7	85,500	133,000	600	50.0	1,500	37.0
Judith Basin	6,300	6,300	44.3	278,800	433,700	100	60.0	6,200	44.0
Lewis & Clark	1,400	2,200	47.0	103,500	161,000	1,600	51.0	600	36.5
Meagher	2,300	1,300	47.3	61,500	95,700	500	59.0	800	40.0
Musselshell	2,200	1,600	44.4	71,100	110,600	700	54.0	900	37.0
Petroleum	300	300	39.7	11,900	18,500	100	51.0	200	34.0
Wheatland	4,300	2,500	45.6	114,000	177,300	1,100	54.0	1,400	39.0
CENTRAL	**31,300**	**24,700**	**45.3**	**1,119,800**	**1,742,000**	**6,900**	**53.9**	**17,800**	**42.0**
Beaverhead	1,500	800	63.5	50,800	75,700	700	66.0	100	46.0
Gallatin	3,200	2,900	66.8	193,600	288,400	1,600	69.0	1,300	64.0
Jefferson	2,500	2,200	59.0	129,800	193,400	1,100	66.0	1,100	52.0
Madison	2,400	1,300	62.1	80,700	120,200	1,100	63.0	200	57.0
Silver Bow	1,000	300	61.0	18,300	27,300	300	61.0	--	--
S. WEST	**10,600**	**7,500**	**63.1**	**473,200**	**705,000**	**4,800**	**66.0**	**2,700**	**57.9**
Big Horn	2,100	1,800	58.1	104,600	158,800	800	67.0	1,000	51.0
Carbon	1,900	1,700	58.6	99,600	151,200	1,200	63.0	500	48.0
Park	1,400	1,200	55.5	66,600	101,100	500	59.0	700	53.0
Stillwater	2,500	2,300	52.9	121,600	184,600	500	56.0	1,800	52.0
Sweet Grass	1,500	1,200	51.5	61,800	93,800	600	56.0	600	47.0
Treasure	600	400	58.5	23,400	35,500	200	67.0	200	50.0
Yellowstone	3,200	1,900	60.4	114,800	174,300	1,000	68.0	900	52.0
S. CENTRAL	**13,200**	**10,500**	**56.4**	**592,400**	**899,300**	**4,800**	**62.9**	**5,700**	**51.0**
Carter	7,000	5,700	43.4	247,100	369,400	100	63.0	5,600	43.0
Custer	3,700	3,100	45.4	140,800	210,500	600	68.0	2,500	40.0
Fallon	9,000	6,800	42.3	287,600	429,900	100	62.0	6,700	42.0
Powder River	3,000	2,600	40.8	106,100	158,600	100	61.0	2,500	40.0
Prairie	4,700	3,600	43.8	157,600	235,600	400	66.0	3,200	41.0
Rosebud	5,500	4,500	42.8	192,600	287,900	1,300	62.0	3,200	35.0
Wibaux	3,100	2,700	43.3	117,000	174,900	—	--	2,700	43.3
S. EAST	**36,000**	**29,000**	**43.1**	**1,248,800**	**1,866,800**	**2,600**	**64.0**	**26,400**	**41.0**
STATE	**260,000**	**157,000**	**48.0**	**7,536,000**	**10,852,000**	**31,400**	**60.8**	**125,600**	**44.8**

OATS — 1977

Acreage, Yield, Production and Value by Counties — Irrigated and Not Irrigated

COUNTY & DISTRICT	TOTAL					IRRIGATED		NOT IRRIGATED	
	Acres Planted	Acres Harv. for Grain	Yield per Acre	Production	Value	Acres Harvested	Yield per Acre	Acres Harvested	Yield per Acre
			Bushels		Dollars		Bu.		Bu.
Deer Lodge	200	100	70.0	7,000	10,000	100	70.0	--	--
Flathead	2,200	1,600	36.9	59,000	84,600	500	66.0	1,100	23.6
Granite	500	200	40.0	8,000	11,500	100	50.0	100	30.0
Lake	2,500	1,600	51.9	83,000	119,000	700	60.0	900	45.6
Lincoln	400	200	40.0	8,000	11,500	100	40.0	100	40.0
Mineral	200	100	80.0	8,000	11,500	100	80.0	--	--
Missoula	900	600	53.3	32,000	45,900	400	60.0	200	40.0
Powell	1,600	1,200	42.5	51,000	73,100	700	44.3	500	40.0
Ravalli	2,800	2,000	62.0	124,000	177,700	1,300	65.4	700	55.7
Sanders	700	400	40.0	16,000	22,900	200	45.0	200	35.0
N. WEST	**12,000**	**8,000**	**49.5**	**396,000**	**567,700**	**4,200**	**59.0**	**3,800**	**39.0**
Blaine	11,000	4,500	44.4	200,000	265,000	1,000	60.0	3,500	40.0
Chouteau	12,000	4,200	41.4	174,000	230,600	400	55.0	3,800	40.0
Glacier	1,000	500	42.0	21,000	27,700	100	60.0	400	37.5
Hill	15,000	8,000	45.6	365,000	483,500	200	70.0	7,800	45.0
Liberty	2,000	800	31.3	25,000	33,100	--	--	800	31.3
Phillips	20,000	7,000	53.9	377,000	499,400	1,000	65.0	6,000	52.0
Pondera	2,500	1,600	53.1	85,000	112,500	200	60.0	1,400	52.1
Teton	3,000	1,800	38.3	69,000	91,300	300	53.3	1,500	35.3
Toole	2,500	1,800	53.3	96,000	127,200	100	60.0	1,700	52.9
N. CENTRAL	**69,000**	**30,200**	**46.8**	**1,412,000**	**1,870,300**	**3,300**	**60.9**	**26,900**	**45.0**
Daniels	8,500	2,500	34.8	87,000	101,200	--	--	2,500	34.8
Dawson	13,500	4,500	26.0	117,000	136,000	400	35.0	4,100	25.1
Garfield	9,500	5,000	22.4	112,000	130,300	100	40.0	4,900	22.0
McCone	13,000	4,000	24.3	97,000	112,800	500	40.0	3,500	22.0
Richland	20,500	9,000	36.6	329,000	382,600	1,700	51.8	7,300	33.0
Roosevelt	14,000	5,000	26.8	134,000	155,800	600	40.0	4,400	25.0
Sheridan	16,000	6,000	30.7	184,000	214,000	400	40.0	5,600	30.0
Valley	20,000	8,000	35.5	284,000	330,300	800	40.0	7,200	35.0
N. EAST	**115,000**	**44,000**	**30.5**	**1,344,000**	**1,563,000**	**4,500**	**44.0**	**39,500**	**29.0**
Broadwater	1,800	1,400	50.0	70,000	98,300	1,000	58.0	400	30.0
Cascade	5,000	3,200	43.8	140,000	196,700	800	70.0	2,400	35.0
Fergus	8,000	3,700	37.8	140,000	196,700	300	70.0	3,400	35.0
Golden Valley	4,000	1,700	41.2	70,000	98,300	500	76.0	1,200	26.7
Judith Basin	8,000	5,500	43.5	239,000	335,700	100	70.0	5,400	43.0
Lewis & Clark	3,000	1,800	55.6	100,000	140,500	1,300	65.4	500	30.0
Meagher	2,000	1,000	57.0	57,000	80,100	400	75.0	600	45.0
Musselshell	3,500	1,200	41.7	50,000	70,300	500	60.0	700	28.6
Petroleum	1,200	300	33.3	10,000	14,100	100	60.0	200	20.0
Wheatland	3,500	2,200	43.6	96,000	134,900	1,000	60.0	1,200	30.0
CENTRAL	**40,000**	**22,000**	**44.2**	**972,000**	**1,365,600**	**6,000**	**65.2**	**16,000**	**36.3**
Beaverhead	1,100	500	72.0	36,000	50,400	400	75.0	100	60.0
Gallatin	3,400	2,200	65.9	145,000	203,100	1,200	68.3	1,000	63.0
Jefferson	2,600	1,100	70.0	77,000	107,900	700	75.7	400	60.0
Madison	1,600	1,000	66.0	66,000	92,500	800	67.5	200	60.0
Silver Bow	300	200	80.0	16,000	22,400	200	80.0	--	--
S. WEST	**9,000**	**5,000**	**68.0**	**340,000**	**476,300**	**3,300**	**71.2**	**1,700**	**61.8**
Big Horn	3,500	1,500	44.7	67,000	88,700	700	55.7	800	35.0
Carbon	2,000	800	60.0	48,000	63,500	600	70.0	200	30.0
Park	2,000	1,800	36.7	66,000	87,400	800	57.5	1,000	20.0
Stillwater	2,700	2,000	27.0	54,000	71,500	400	55.0	1,600	20.0
Sweet Grass	3,300	3,000	38.0	114,000	150,900	1,500	56.0	1,500	20.0
Treasure	500	400	47.5	19,000	25,100	200	75.0	200	20.0
Yellowstone	3,000	1,500	51.3	77,000	101,900	800	77.5	700	21.4
S. CENTRAL	**17,000**	**11,000**	**40.5**	**445,000**	**589,000**	**5,000**	**62.0**	**6,000**	**22.5**
Carter	8,000	3,000	30.0	90,000	110,500	100	90.0	2,900	27.9
Custer	7,000	1,500	44.0	66,000	81,000	400	87.5	1,100	28.2
Fallon	10,000	7,000	38.7	271,000	332,600	100	90.0	6,900	38.0
Powder River	6,000	1,300	40.8	53,000	65,100	200	85.0	1,100	32.7
Prairie	6,000	1,500	32.0	48,000	58,900	200	85.0	1,300	23.9
Rosebud	3,000	1,500	42.0	63,000	77,300	400	87.5	1,100	25.5
Wibaux	10,000	4,000	25.0	100,000	122,700	--	--	4,000	25.0
S. EAST	**50,000**	**19,800**	**34.9**	**691,000**	**848,100**	**1,400**	**87.1**	**18,400**	**30.9**
STATE	**312,000**	**140,000**	**40.0**	**5,600,000**	**7,280,000**	**27,700**	**61.6**	**112,300**	**34.7**

ALL HAY — 1976

Acreage, Yield, Production and Value by Counties — Irrigated and Not Irrigated

COUNTY & DISTRICT	TOTAL				IRRIGATED		NOT IRRIGATED	
	Acres Harvested	Yield per Acre	Production	Value	Acres Harvested	Yield per Acre	Acres Harvested	Yield per Acre
		Tons		Dollars		Tons		Tons
Deer Lodge	12,200	1.70	20,700	945,800	12,000	1.71	200	1.00
Flathead	34,900	2.32	81,000	3,701,000	18,100	3.03	16,800	1.56
Granite	31,600	1.76	55,600	2,540,500	30,300	1.79	1,300	1.08
Lake	57,400	2.20	126,300	5,770,800	39,600	2.67	17,800	1.16
Lincoln	8,900	1.70	15,100	689,900	5,800	1.98	3,100	1.16
Mineral	1,900	1.68	3,200	146,200	1,000	2.30	900	1.00
Missoula	22,900	1.81	41,400	1,891,600	15,600	2.14	7,300	1.10
Powell	61,200	1.58	96,700	4,418,400	52,100	1.69	9,100	.96
Ravalli	38,100	2.48	94,400	4,313,300	36,500	2.55	1,600	.81
Sanders	23,900	2.16	51,600	2,357,700	12,000	2.81	11,900	1.50
N. WEST	**293,000**	**2.00**	**586,000**	**26,775,200**	**223,000**	**2.23**	**70,000**	**1.27**
Blaine	55,500	1.81	100,500	4,667,800	37,800	2.20	17,700	.98
Chouteau	51,300	1.66	85,200	3,957,200	15,400	2.26	35,900	1.40
Glacier	29,900	1.45	43,400	2,015,800	13,300	1.96	16,600	1.04
Hill	24,000	1.39	33,400	1,551,300	5,900	2.47	18,100	1.04
Liberty	8,800	1.70	15,000	697,000	3,900	2.26	4,900	1.27
Phillips	70,100	1.58	110,800	5,146,200	38,700	1.98	31,400	1.09
Pondera	24,800	2.18	54,100	2,512,700	17,600	2.65	7,200	1.04
Teton	60,900	2.08	126,700	5,884,700	55,300	2.18	5,600	1.09
Toole	11,700	1.48	17,300	803,500	4,100	2.24	7,600	1.07
N. CENTRAL	**337,000**	**1.74**	**586,400**	**27,236,200**	**192,000**	**2.19**	**145,000**	**1.14**
Daniels	22,400	1.49	33,400	1,726,300	2,700	1.78	19,700	1.45
Dawson	35,500	1.60	56,800	2,935,800	8,300	2.02	27,200	1.47
Garfield	20,900	1.32	27,500	1,421,400	3,200	1.63	17,700	1.26
McCone	31,100	1.38	42,900	2,217,300	4,100	2.00	27,000	1.29
Richland	43,300	1.88	81,400	4,207,200	6,800	2.54	36,500	1.76
Roosevelt	41,700	1.89	78,800	4,072,900	8,200	2.40	33,500	1.76
Sheridan	30,400	1.69	51,400	2,656,700	3,300	2.12	27,100	1.64
Valley	56,700	1.99	112,800	5,830,200	24,400	2.59	32,300	1.54
N. EAST	**282,000**	**1.72**	**485,000**	**25,067,800**	**61,000**	**2.33**	**221,000**	**1.55**
Broadwater	23,400	2.62	61,300	2,806,200	22,400	2.68	1,000	1.30
Cascade	65,400	1.85	121,000	5,539,200	25,400	2.26	40,000	1.59
Fergus	113,200	1.56	177,000	8,102,800	14,700	2.27	98,500	1.46
Golden Valley	14,100	1.86	26,200	1,199,400	7,800	2.33	6,300	1.27
Judith Basin	59,500	1.59	94,600	4,330,700	9,600	2.43	49,900	1.43
Lewis & Clark	38,000	2.35	89,300	4,088,100	29,600	2.67	8,400	1.23
Meagher	40,500	1.68	68,000	3,112,900	33,500	1.82	7,000	1.01
Musselshell	18,500	1.52	28,100	1,286,300	7,400	2.04	11,100	1.17
Petroleum	20,500	1.80	36,900	1,689,200	12,700	2.22	7,800	1.12
Wheatland	44,900	1.83	82,200	3,762,900	31,900	1.97	13,000	1.49
CENTRAL	**438,000**	**1.79**	**784,600**	**35,917,700**	**195,000**	**2.25**	**243,000**	**1.43**
Beaverhead	142,900	1.63	232,900	10,434,100	141,300	1.64	1,600	1.00
Gallatin	67,600	2.25	152,000	6,809,700	47,400	2.77	20,200	1.02
Jefferson	21,400	1.59	34,000	1,523,200	16,500	1.75	4,900	1.04
Madison	76,300	2.20	167,900	7,522,000	69,300	2.32	7,000	1.01
Silver Bow	8,800	1.76	15,500	694,400	7,500	1.88	1,300	1.08
S. WEST	**317,000**	**1.90**	**602,300**	**26,983,400**	**282,000**	**2.01**	**35,000**	**1.03**
Big Horn	60,300	2.21	133,300	6,657,500	28,900	2.77	31,400	1.69
Carbon	52,600	2.10	110,500	5,518,800	37,900	2.46	14,700	1.17
Park	50,600	1.84	93,100	4,649,700	39,400	2.04	11,200	1.13
Stillwater	42,600	1.63	69,300	3,461,100	17,000	1.93	25,600	1.43
Sweet Grass	45,600	1.72	78,400	3,915,600	34,200	1.97	11,400	.96
Treasure	11,200	2.45	27,400	1,368,400	4,800	3.19	6,400	1.89
Yellowstone	35,100	2.31	81,100	4,050,400	22,800	3.00	12,300	1.03
S. CENTRAL	**298,000**	**1.99**	**593,100**	**29,621,500**	**185,000**	**2.37**	**113,000**	**1.38**
Carter	55,400	1.20	66,700	3,398,300	9,500	1.49	45,900	1.14
Custer	32,900	1.38	45,400	2,313,100	7,500	2.96	25,400	.91
Fallon	35,000	1.19	41,700	2,124,600	3,100	2.06	31,900	1.11
Powder River	56,400	1.31	73,900	3,765,100	9,500	1.61	46,900	1.25
Prairie	14,300	1.67	23,900	1,217,700	3,900	2.15	10,400	1.49
Rosebud	34,000	2.09	71,100	3,622,400	19,700	2.70	14,300	1.25
Wibaux	17,000	1.05	17,900	912,000	1,800	2.22	15,200	.91
S. EAST	**245,000**	**1.39**	**340,600**	**17,353,200**	**55,000**	**2.25**	**190,000**	**1.14**
STATE	**2,210,000**	**1.80**	**3,978,000**	**188,955,000**	**1,193,000**	**2.20**	**1,017,000**	**1.33**

ALL HAY — 1977

Acreage, Yield, and Production by Counties — Irrigated and Not Irrigated

COUNTY & DISTRICT	TOTAL				IRRIGATED		NOT IRRIGATED	
	Acres Harvested	Yield per Acre	Production	Value	Acres Harvested	Yield per Acre	Acres Harvested	Yield per Acre
			Tons	Dollars		Tons		Tons
Deer Lodge	12,000	2.03	24,300	1,328,200	11,700	2.04	300	1.33
Flathead	37,000	2.02	74,800	4,088,500	17,500	2.66	19,500	1.45
Granite	30,000	1.94	58,300	3,186,700	28,800	1.99	1,200	.83
Lake	52,000	2.30	119,800	6,548,200	36,900	2.66	15,100	1.42
Lincoln	8,500	1.69	14,400	787,100	4,800	2.04	3,700	1.24
Mineral	2,500	1.76	4,400	240,500	1,100	2.36	1,400	1.29
Missoula	21,500	2.13	45,800	2,503,400	15,700	2.41	5,800	1.38
Powell	59,500	1.50	89,000	4,864,600	36,000	1.79	23,500	1.05
Ravalli	42,500	2.28	96,700	5,285,500	40,800	2.32	1,700	1.29
Sanders	28,500	1.75	49,800	2,722,000	14,000	2.25	14,500	1.26
N. WEST	**294,000**	**1.96**	**577,300**	**31,554,700**	**207,300**	**2.25**	**86,700**	**1.28**
Blaine	59,500	1.81	107,400	6,546,900	31,300	2.31	28,200	1.25
Chouteau	52,000	1.50	78,000	4,754,700	13,300	2.25	38,700	1.24
Glacier	26,100	1.34	35,100	2,139,600	8,000	2.09	18,100	1.02
Hill	29,000	1.10	32,000	1,950,700	4,200	2.17	24,800	.92
Liberty	8,200	1.20	9,800	597,400	1,900	2.11	6,300	.92
Phillips	71,700	1.72	123,100	7,503,900	42,500	2.10	29,200	1.15
Pondera	23,900	1.86	44,400	2,706,500	17,200	2.10	6,700	1.24
Teton	56,600	2.27	128,300	7,820,900	40,300	2.60	16,300	1.45
Toole	11,000	1.15	12,600	768,100	1,800	2.00	9,200	.98
N. CENTRAL	**338,000**	**1.69**	**570,700**	**34,788,700**	**160,500**	**2.28**	**177,500**	**1.15**
Daniels	23,700	1.09	25,900	1,611,000	1,600	2.13	22,100	1.02
Dawson	37,400	1.38	51,600	3,209,500	6,000	2.45	31,400	1.18
Garfield	24,000	1.47	35,300	2,195,700	5,500	2.44	18,500	1.18
McCone	32,500	1.40	45,400	2,823,900	4,800	2.33	27,700	1.23
Richland	48,100	1.38	66,400	4,130,100	9,700	2.57	38,400	1.08
Roosevelt	46,300	1.44	66,500	4,136,300	5,700	2.51	40,600	1.29
Sheridan	31,000	1.22	37,900	2,357,400	1,100	2.09	29,900	1.19
Valley	56,000	1.81	101,300	6,300,800	24,300	2.47	31,700	1.30
N. EAST	**299,000**	**1.44**	**430,300**	**26,764,700**	**58,700**	**2.46**	**240,300**	**1.19**
Broadwater	24,500	2.67	65,400	3,658,300	22,400	2.80	2,100	1.29
Cascade	64,500	1.87	120,400	6,734,800	17,300	2.92	47,200	1.48
Fergus	120,000	1.62	194,000	10,851,800	15,600	2.46	104,400	1.49
Golden Valley	11,500	1.88	21,600	1,208,200	7,100	2.32	4,400	1.16
Judith Basin	51,000	1.50	76,400	4,273,600	8,900	2.24	42,100	1.34
Lewis & Clark	36,000	2.15	77,500	4,335,100	24,800	2.48	11,200	1.42
Meagher	37,500	1.94	72,600	4,061,000	31,000	2.09	6,500	1.18
Musselshell	20,000	1.53	30,500	1,706,100	7,100	2.32	12,900	1.09
Petroleum	20,000	1.93	38,500	2,153,600	12,400	2.49	7,600	1.00
Wheatland	42,000	1.76	74,000	4,139,300	31,900	1.99	10,100	1.03
CENTRAL	**427,000**	**1.81**	**770,900**	**43,121,800**	**178,500**	**2.38**	**248,500**	**1.39**
Beaverhead	153,000	1.73	264,000	12,744,900	148,400	1.74	4,600	1.26
Gallatin	68,500	2.40	164,400	7,936,600	50,900	2.71	17,600	1.50
Jefferson	27,500	1.71	46,900	2,264,100	21,100	1.82	6,400	1.33
Madison	77,000	2.31	178,100	8,598,000	72,600	2.38	4,400	1.16
Silver Bow	9,000	2.06	18,500	893,100	8,500	2.11	500	1.20
S. WEST	**335,000**	**2.01**	**671,900**	**32,436,700**	**301,500**	**2.07**	**33,500**	**1.39**
Big Horn	65,500	1.68	110,100	5,981,800	21,800	2.39	43,700	1.33
Carbon	49,500	2.00	99,200	5,389,600	30,700	2.56	18,800	1.10
Park	57,500	1.76	101,200	5,498,300	41,400	2.01	16,100	1.11
Stillwater	49,500	1.57	77,600	4,216,100	15,300	2.32	34,200	1.23
Sweet Grass	45,500	1.63	74,300	4,036,800	28,700	1.97	16,800	1.06
Treasure	10,000	1.93	19,300	1,048,600	4,000	2.90	6,000	1.28
Yellowstone	35,500	2.29	81,200	4,411,700	18,100	3.48	17,400	1.05
S. CENTRAL	**313,000**	**1.80**	**562,900**	**30,582,900**	**160,000**	**2.38**	**153,000**	**1.19**
Carter	52,000	1.29	67,000	4,053,700	9,600	1.94	42,400	1.14
Custer	30,800	1.85	57,000	3,448,700	11,300	3.05	19,500	1.15
Fallon	36,200	1.15	41,800	2,529,000	2,600	2.04	33,600	1.09
Powder River	51,500	1.19	61,400	3,714,900	7,200	1.90	44,300	1.08
Prairie	13,500	1.31	17,700	1,070,900	2,300	2.39	11,200	1.09
Rosebud	32,500	1.86	60,400	3,654,400	14,000	2.90	18,500	1.07
Wibaux	17,500	1.01	17,700	1,070,900	700	1.86	16,800	.98
S. EAST	**234,000**	**1.38**	**323,000**	**19,542,500**	**47,700**	**2.51**	**186,300**	**1.09**
STATE	**2,240,000**	**1.74**	**3,907,000**	**218,792,000**	**1,114,200**	**2.27**	**1,125,800**	**1.22**

ALFALFA HAY — 1976

Acreage, Yield, Production and Value by Counties — Irrigated and Not Irrigated

COUNTY & DISTRICT	TOTAL				IRRIGATED		NOT IRRIGATED	
	Acres Harvested	Yield per Acre	Production	Value	Acres Harvested	Yield per Acre	Acres Harvested	Yield per Acre
		Tons		Dollars		Tons		Tons
Deer Lodge	6,100	2.38	14,500	681,100	6,000	2.40	100	1.00
Flathead	18,200	2.87	52,300	2,456,800	11,300	3.50	6,900	1.86
Granite	11,400	2.11	24,000	1,127,400	10,500	2.16	900	1.44
Lake	39,500	2.67	105,400	4,951,100	27,000	3.33	12,500	1.23
Lincoln	5,000	2.02	10,100	474,500	4,000	2.15	1,000	1.50
Mineral	1,200	1.50	1,800	84,600	400	2.50	800	1.00
Missoula	12,500	2.10	26,300	1,235,400	7,000	2.76	5,500	1.27
Powell	23,100	1.90	43,800	2,057,500	17,700	2.12	5,400	1.15
Ravalli	16,100	3.25	52,300	2,456,800	14,900	3.43	1,200	1.00
Sanders	13,900	2.63	36,500	1,714,600	8,500	3.14	5,400	1.81
N. WEST	**147,000**	**2.50**	**367,000**	**17,239,800**	**107,300**	**2.90**	**39,700**	**1.41**
Blaine	30,500	2.25	68,500	3,322,700	19,800	2.89	10,700	1.06
Chouteau	21,700	2.24	48,500	2,352,600	7,800	2.79	13,900	1.92
Glacier	18,000	1.69	30,500	1,479,400	8,100	2.20	9,900	1.28
Hill	6,000	2.17	13,000	630,600	3,600	2.86	2,400	1.13
Liberty	2,300	2.39	5,500	266,800	900	3.00	1,400	2.00
Phillips	30,600	2.15	65,800	3,191,700	18,400	2.74	12,200	1.25
Pondera	14,600	2.73	39,800	1,930,500	10,500	3.28	4,100	1.32
Teton	40,700	2.65	108,000	5,238,700	36,200	2.84	4,500	1.16
Toole	3,600	2.36	8,500	412,200	2,200	2.86	1,400	1.57
N. CENTRAL	**168,000**	**2.31**	**388,100**	**18,825,200**	**107,500**	**2.83**	**60,500**	**1.39**
Daniels	7,500	1.80	13,500	719,600	1,300	2.08	6,200	1.74
Dawson	10,500	2.07	21,700	1,156,800	5,400	2.26	5,100	1.86
Garfield	9,300	1.35	12,600	671,700	2,000	1.65	7,300	1.27
McCone	8,000	1.71	13,700	730,400	3,600	2.08	4,400	1.41
Richland	14,000	2.53	35,400	1,887,200	5,900	2.68	8,100	2.42
Roosevelt	14,500	2.44	35,400	1,887,200	3,600	3.14	10,900	2.21
Sheridan	8,000	2.11	16,900	900,900	1,300	2.92	6,700	1.96
Valley	28,200	2.33	65,800	3,507,700	14,900	3.00	13,300	1.59
N. EAST	**100,000**	**2.15**	**215,000**	**11,461,500**	**38,000**	**2.67**	**62,000**	**1.83**
Broadwater	16,000	3.36	53,700	2,553,200	15,700	3.38	300	2.00
Cascade	53,500	2.05	109,900	5,225,200	24,300	2.28	29,200	1.87
Fergus	83,300	1.60	133,500	6,347,200	12,500	2.38	70,800	1.47
Golden Valley	9,300	2.15	20,000	950,900	6,000	2.57	3,300	1.39
Judith Basin	39,000	1.69	66,000	3,138,000	5,500	2.95	33,500	1.49
Lewis & Clark	23,500	2.64	62,100	2,952,500	20,000	2.88	3,500	1.31
Meagher	11,000	1.95	21,500	1,022,200	9,400	2.09	1,600	1.19
Musselshell	11,000	1.75	19,300	917,600	5,500	2.22	5,500	1.29
Petroleum	14,100	2.10	29,600	1,407,300	11,300	2.32	2,800	1.21
Wheatland	15,300	2.00	30,600	1,454,900	13,000	2.04	2,300	1.78
CENTRAL	**276,000**	**1.98**	**546,200**	**25,969,000**	**123,200**	**2.53**	**152,800**	**1.53**
Beaverhead	39,000	3.04	118,600	5,412,900	38,700	3.05	300	1.67
Gallatin	45,300	2.85	129,100	5,892,200	37,300	3.13	8,000	1.55
Jefferson	9,100	2.30	20,900	953,900	8,000	2.38	1,100	1.73
Madison	44,600	2.99	133,400	6,088,400	44,200	3.00	400	2.00
Silver Bow	4,000	2.45	9,800	447,300	3,900	2.46	100	2.00
S. WEST	**142,000**	**2.90**	**411,800**	**18,794,700**	**132,100**	**3.00**	**9,900**	**1.60**
Big Horn	40,100	2.37	95,000	4,802,800	18,400	2.88	21,700	1.94
Carbon	32,000	2.13	68,200	3,448,000	18,900	2.82	13,100	1.14
Park	28,700	1.90	54,500	2,755,300	20,100	2.25	8,600	1.07
Stillwater	28,000	1.61	45,000	2,275,000	8,400	1.73	19,600	1.56
Sweet Grass	26,100	2.00	52,200	2,639,000	16,500	2.59	9,600	.99
Treasure	8,600	2.76	23,700	1,198,200	3,900	3.59	4,700	2.06
Yellowstone	20,500	3.05	62,500	3,159,800	15,000	3.61	5,500	1.51
S. CENTRAL	**184,000**	**2.18**	**401,100**	**20,278,100**	**101,200**	**2.74**	**82,800**	**1.50**
Carter	33,200	1.39	46,000	2,436,400	5,300	1.85	27,900	1.30
Custer	20,500	1.69	34,600	1,832,500	6,600	3.11	13,900	1.01
Fallon	24,000	1.25	29,900	1,583,700	3,100	2.06	20,900	1.12
Powder River	38,500	1.45	55,800	2,955,400	7,700	1.69	30,800	1.39
Prairie	6,000	1.90	11,400	603,800	2,500	2.40	3,500	1.54
Rosebud	25,600	2.30	59,000	3,124,800	17,000	2.79	8,600	1.35
Wibaux	5,200	1.56	8,100	429,000	1,300	2.62	3,900	1.21
S. EAST	**153,000**	**1.60**	**244,800**	**12,965,600**	**43,500**	**2.45**	**109,500**	**1.26**
STATE	**1,170,000**	**2.20**	**2,574,000**	**125,533,900**	**652,800**	**2.77**	**517,200**	**1.48**

ALFALFA HAY — 1977

Acreage, Yield, Production and Value by Counties — Irrigated and Not Irrigated

COUNTY & DISTRICT	TOTAL				IRRIGATED		NOT IRRIGATED	
	Acres Harvested	Yield per Acre	Production	Value	Acres Harvested	Yield per Acre	Acres Harvested	Yield per Acre
		Tons		Dollars		Tons		Tons
Deer Lodge	6,500	2.55	16,600	933,000	6,300	2.59	200	1.50
Flathead	21,000	2.51	52,800	2,966,000	11,500	3.07	9,500	1.84
Granite	11,800	2.36	27,800	1,562,000	11,600	2.37	200	1.50
Lake	38,500	2.60	100,100	5,624,000	28,400	2.95	10,100	1.61
Lincoln	4,700	2.15	10,100	567,000	3,000	2.47	1,700	1.59
Mineral	1,500	2.07	3,100	174,000	700	2.71	800	1.50
Missoula	11,200	2.53	28,300	1,590,000	7,600	2.95	3,600	1.64
Powell	21,300	2.05	43,600	2,450,000	14,000	2.29	7,300	1.58
Ravalli	18,500	2.72	50,400	2,831,000	17,600	2.78	900	1.67
Sanders	16,000	2.21	35,400	1,989,000	8,800	2.73	7,200	1.58
N. WEST	**151,000**	**2.44**	**368,200**	**20,684,000**	**109,500**	**2.74**	**41,500**	**1.65**
Blaine	29,600	2.29	67,700	4,236,000	17,000	2.90	12,600	1.46
Chouteau	23,400	1.83	42,900	2,685,000	7,000	2.91	16,400	1.37
Glacier	17,100	1.47	25,200	1,577,000	5,500	2.13	11,600	1.16
Hill	6,500	1.52	9,900	620,000	1,200	2.67	5,300	1.26
Liberty	2,800	1.39	3,900	244,000	800	2.00	2,000	1.15
Phillips	31,800	2.06	65,600	4,104,000	18,800	2.55	13,000	1.36
Pondera	14,800	2.05	30,400	1,902,000	13,500	2.13	1,300	1.31
Teton	40,600	2.59	105,000	6,569,000	30,500	2.89	10,100	1.67
Toole	2,900	1.59	4,600	288,000	600	2.00	2,300	1.48
N. CENTRAL	**169,500**	**2.10**	**355,200**	**22,225,000**	**94,900**	**2.66**	**74,600**	**1.38**
Daniels	7,200	1.56	11,200	709,000	900	2.56	6,300	1.41
Dawson	9,200	2.09	19,200	1,216,000	3,500	3.00	5,700	1.53
Garfield	10,500	1.98	20,800	1,318,000	3,200	2.97	7,300	1.55
McCone	7,400	1.96	14,500	919,000	2,800	2.79	4,600	1.46
Richland	15,100	2.00	30,200	1,913,000	5,400	2.96	9,700	1.46
Roosevelt	14,700	1.88	27,700	1,755,000	3,200	3.00	11,500	1.57
Sheridan	8,500	1.55	13,200	836,000	400	2.75	8,100	1.49
Valley	26,900	2.28	61,300	3,884,000	13,800	3.03	13,100	1.49
N. EAST	**99,500**	**1.99**	**198,100**	**12,550,000**	**33,200**	**2.99**	**66,300**	**1.50**
Broadwater	17,100	3.09	52,900	3,023,000	16,000	3.20	1,100	1.55
Cascade	53,000	2.04	108,000	6,171,000	15,000	3.12	38,000	1.61
Fergus	85,100	1.88	160,300	9,159,000	12,800	2.64	72,300	1.75
Golden Valley	7,800	2.12	16,500	943,000	5,000	2.58	2,800	1.29
Judith Basin	29,000	1.74	50,500	2,886,000	5,800	2.55	23,200	1.54
Lewis & Clark	22,000	2.52	55,500	3,171,000	15,800	2.82	6,200	1.76
Meagher	11,500	2.43	28,000	1,599,000	10,000	2.55	1,500	1.67
Musselshell	11,200	1.95	21,800	1,246,000	4,400	2.61	6,800	1.51
Petroleum	14,300	2.38	34,000	1,943,000	11,600	2.53	2,700	1.74
Wheatland	14,500	2.21	32,100	1,834,000	12,400	2.36	2,100	1.33
CENTRAL	**265,500**	**2.11**	**559,600**	**31,975,000**	**108,800**	**2.75**	**156,700**	**1.66**
Beaverhead	40,700	2.34	95,300	4,671,000	39,500	2.36	1,200	1.75
Gallatin	42,200	3.01	127,000	6,225,000	33,400	3.32	8,800	1.82
Jefferson	9,900	2.31	22,900	1,123,000	8,900	2.39	1,000	1.60
Madison	45,200	2.86	129,400	6,343,000	44,300	2.89	900	1.56
Silver Bow	4,000	2.65	10,600	520,000	3,900	2.69	100	1.00
S. WEST	**142,000**	**2.71**	**385,200**	**18,882,000**	**130,000**	**2.80**	**12,000**	**1.77**
Big Horn	43,000	1.96	84,300	4,664,000	15,300	2.72	27,700	1.54
Carbon	29,700	2.24	66,500	3,680,000	17,800	2.88	11,900	1.28
Park	32,700	2.07	67,600	3,740,000	26,200	2.23	6,500	1.42
Stillwater	35,100	1.63	57,300	3,170,000	7,400	2.86	27,700	1.30
Sweet Grass	25,000	1.90	47,600	2,634,000	16,300	2.24	8,700	1.28
Treasure	6,800	2.32	15,800	874,000	2,900	3.41	3,900	1.51
Yellowstone	21,200	3.15	66,800	3,697,000	16,100	3.67	5,100	1.51
S. CENTRAL	**193,500**	**2.10**	**405,900**	**22,459,000**	**102,000**	**2.73**	**91,500**	**1.40**
Carter	33,700	1.42	47,900	2,987,000	6,400	2.23	27,300	1.23
Custer	20,800	2.27	47,200	2,944,000	10,700	3.11	10,100	1.38
Fallon	25,400	1.28	32,400	2,021,000	2,500	2.04	22,900	1.19
Powder River	34,100	1.38	47,200	2,944,000	6,100	1.95	28,000	1.26
Prairie	5,500	1.84	10,100	630,000	1,100	3.27	4,400	1.48
Rosebud	25,000	2.10	52,400	3,269,000	11,000	3.29	14,000	1.16
Wibaux	4,500	1.47	6,600	411,000	300	2.33	4,200	1.40
S. EAST	**149,000**	**1.64**	**243,800**	**15,206,000**	**38,100**	**2.76**	**110,900**	**1.25**
STATE	**1,170,000**	**2.15**	**2,516,000**	**143,981,000**	**616,500**	**2.75**	**553,500**	**1.48**

ALFALFA SEED — 1976-1977

Acreage, Yield, Production and Value of Production

COUNTY & DISTRICT	1976 TOTAL				1977 TOTAL			
	Acres Harvested	Yield per Harv. Acre	Production	Value	Acres Harvested	Yield per Harv. Acre	Production	Value
		Pounds (Cleaned)		Dollars		Pounds (Cleaned)		Dollars
Flathead	50	80	4,000	3,700	50	100	5,000	5,200
Lake	--	--	--	--	50	100	5,000	5,200
Mineral	50	60	3,000	2,800	--	--	--	--
Missoula	200	80	16,000	15,000	150	110	16,500	17,400
Ravalli	50	80	4,000	3,700	50	90	4,500	4,700
Sanders	150	60	9,000	8,400	100	90	9,000	9,500
N. WEST	**500**	**72**	**36,000**	**33,600**	**400**	**100**	**40,000**	**42,000**
Blaine	--	--	--	--	100	105	10,500	11,000
Chouteau	300	100	30,000	28,100	300	115	34,500	36,200
Phillips	1,200	105	126,000	117,800	2,300	110	253,000	265,700
N. CENTRAL	**1,500**	**104**	**156,000**	**145,900**	**2,700**	**110**	**298,000**	**312,900**
Daniels	--	--	--	--	100	95	9,500	10,000
Dawson	--	--	--	--	150	110	16,500	17,300
Garfield	700	99	69,500	65,000	250	100	25,000	26,300
McCone	--	--	--	--	200	95	19,000	19,900
Richland	50	80	4,000	3,700	50	110	5,500	5,800
Roosevelt	200	75	15,000	14,000	100	95	9,500	10,000
Sheridan	50	70	3,500	3,300	50	100	5,000	5,200
Valley	200	80	16,000	15,000	200	100	20,000	21,000
N. EAST	**1,200**	**90**	**108,000**	**101,000**	**1,100**	**100**	**110,000**	**115,500**
Cascade	100	95	9,500	8,900	50	90	4,500	4,700
Fergus	350	100	35,000	32,700	200	85	17,000	17,900
Golden Valley	150	100	15,000	14,000	200	90	18,000	18,900
Judith Basin	100	100	10,000	9,400	50	80	4,000	4,200
Musselshell	500	102	51,000	47,700	400	85	34,000	35,700
Petroleum	1,600	108	173,500	162,200	1,000	88	87,500	91,900
CENTRAL	**2,800**	**105**	**294,000**	**274,900**	**1,900**	**87**	**165,000**	**173,300**
Big Horn	3,000	100	300,000	280,500	5,800	110	639,000	671,000
Stillwater	200	90	18,000	16,800	300	85	25,500	26,800
Sweet Grass	50	80	4,000	3,700	200	85	17,000	17,900
Treasure	1,300	105	136,500	127,600	1,500	106	159,000	167,000
Yellowstone	250	90	22,500	21,100	300	95	28,500	29,900
S. CENTRAL	**4,800**	**100**	**481,000**	**449,700**	**8,100**	**107**	**869,000**	**912,600**
Carter	1,400	95	133,500	124,800	3,100	84	259,500	272,500
Custer	1,800	109	196,500	183,700	2,800	82	230,000	241,500
Fallon	400	95	38,000	35,500	600	81	48,500	51,000
Powder River	6,400	95	609,000	569,400	12,800	74	950,000	997,600
Prairie	200	105	21,000	19,700	300	80	24,000	25,200
Rosebud	2,800	110	308,000	288,000	5,000	100	500,000	525,100
Wibaux	200	95	19,000	17,800	200	80	16,000	16,800
S. EAST	**13,200**	**100**	**1,325,000**	**1,238,900**	**24,800**	**82**	**2,028,000**	**2,129,700**
STATE	**24,000**	**100**	**2,400,000**	**2,244,000**	**39,000**	**90**	**3,510,000**	**3,686,000**

POTATOES — 1976 and 1977

Acreage, Yield, Production and Value by Counties — Principally Irrigated

COUNTY & DISTRICT	1976 Acres Planted	1976 Acres Harvested	1976 Yield per Acre	1976 Production	1976 Value	1977 Acres Planted	1977 Acres Harvested	1977 Yield per Acre	1977 Production	1977 Value
			Cwt.		Dollars			Cwt.		Dollars
Deer Lodge & Powell	610	600	183	109,900	494,600	570	565	214	120,625	542,800
Flathead	890	880	200	176,000	792,000	1,015	1,000	235	235,000	1,057,500
Lake	2,800	2,770	250	692,500	3,116,200	2,800	2,765	265	732,725	3,297,300
Ravalli	640	630	200	126,000	567,000	645	635	220	139,700	628,700
Other Counties	10	10	100	1,000	4,500	10	10	128	1,275	5,700
N. WEST	**4,950**	**4,890**	**226**	**1,105,400**	**4,974,300**	**5,040**	**4,975**	**247**	**1,229,325**	**5,532,000**
N. CENTRAL	**160**	**160**	**133**	**21,300**	**95,800**	**165**	**165**	**150**	**24,750**	**111,400**
N. EAST	**230**	**230**	**59**	**13,600**	**61,200**	**140**	**140**	**79**	**11,100**	**49,900**
Broadwater	630	620	195	120,900	544,100	665	655	210	137,550	619,000
Other Counties	130	130	98	12,700	57,100	105	105	111	11,600	52,200
CENTRAL	**760**	**750**	**178**	**133,600**	**601,200**	**770**	**760**	**196**	**149,150**	**671,200**
Beaverhead	420	410	235	96,350	433,600	400	395	260	102,700	462,100
Gallatin	1,580	1,560	235	366,600	1,649,700	1,705	1,685	265	446,525	2,009,400
Madison	120	120	235	28,200	126,900	100	100	250	25,000	112,500
Other Counties	70	70	200	14,000	63,000	20	20	220	4,400	19,800
S. WEST	**2,190**	**2,160**	**234**	**505,150**	**2,273,200**	**2,225**	**2,200**	**263**	**578,625**	**2,603,800**
S. CENTRAL	**130**	**130**	**132**	**17,200**	**77,400**	**80**	**80**	**194**	**15,500**	**69,700**
S. EAST	**80**	**80**	**122**	**9,750**	**43,900**	**80**	**80**	**94**	**7,550**	**34,000**
STATE	**8,500**	**8,400**	**215**	**1,806,000**	**8,127,000**	**8,500**	**8,400**	**240**	**2,016,000**	**9,072,000**

CATTLE AND CALVES

Number, Value Per Head and Total Value, January 1

Year	ALL CATTLE		
	Number	Farm Value	
		Per Head	Total
	1,000 Head	Dols.	1,000 Dols.
1968	2,984	154.00	459,536
1969	2,984	168.00	501,312
1970	3,014	195.00	587,730
1971	3,165	200.00	633,000
1972	3,165	230.00	727,950
1973	3,197	285.00	911,145
1974	3,380	340.00	1,149,200
1975	3,340	160.00	534,400
1976	3,150	205.00	645,750
1977	2,980	220.00	655,600
1978	2,570	240.00	616,800

Numbers by Classes, January 1

Year	COWS & HEIFERS THAT HAVE CALVED		HEIFERS 500 LBS. & OVER			OTHER			TOTAL ALL CATTLE & CALVES
	Beef Cows	Milk Cows	Beef Cow Replace-ments	Milk Cow Replace-ments	Other	Steers 500# & over	Bulls 500# & over	Strs., Hfrs., Bulls under 500#	
					1,000 Head				
1972	1,648	35	304	11	82	144	84	857	3,165
1973	1,685	32	298	10	90	163	89	830	3,197
1974	1,746	29	355	10	108	216	105	811	3,380
1975	1,692	28	300	10	140	182	97	891	3,340
1976	1,614	26	274	10	101	165	95	865	3,150
1977	1,549	27	238	9	105	187	90	775	2,980
1978	1,338	27	206	8	95	141	82	673	2,570

Calf Crops and Disposition

Year	CALVES BORN	INSHIP-MENTS	MARKETINGS[1]		FARM SLAUGHTER[2]	DEATHS	
			Cattle	Calves	Cattle & Calves	Cattle	Calves
				1,000 Head			
1968	1,466	92	937	508	12	31	70
1969	1,508	82	894	540	11	35	80
1970	1,535	106	874	477	13	39	87
1971	1,582	104	909	654	9	41	73
1972	1,640	126	880	721	10	39	84
1973	1,730	144	763	757	9	42	120
1974	1,725	90	1,007	688	25	35	100
1975	1,680	80	1,069	645	16	40	180
1976	1,570	135	1,091	648	16	35	85
1977	1,500	115	1,154	721	16	34	100

[1]Excludes interfarm sales.
[2]Excludes animals custom slaughtered in commercial establishments for farmers.

Production and Income from Cattle and Calves

Year	Production[1]	Marketing[2]	Price Per 100 Lbs. Cattle	Price Per 100 Lbs. Calves	Cash Receipts[3]	Value Of Home Consumption	Gross Income
	1,000 Pounds		Dollars			1,000 Dollars	
1968	1,062,940	1,099,262	22.80	29.20	264,906	3,765	268,671
1969	1,066,560	1,072,590	25.70	32.70	292,253	4,333	296,586
1970	1,089,075	1,045,986	27.00	35.50	299,169	5,673	304,842
1971	1,122,103	1,128,876	29.20	38.10	353,134	5,125	358,259
1972	1,103,350	1,125,763	34.80	48.00	431,156	6,556	437,712
1973	1,053,950	969,346	45.80	58.30	482,156	9,047	491,203
1974	1,035,930	1,133,651	30.80	30.40	348,072	12,358	360,430
1975	963,050	1,140,660	29.50	30.80	339,916	7,613	347,529
1976	967,940	1,153,200	31.20	36.30	373,307	6,861	380,168
1977	840,080	1,225,850	33.70	41.40	432,481	7,464	439,945

[1]Adjustments made for inshipments and changes in inventory.
[2]Excludes interfarm sales and custom slaughter in commercial establishments for use on farms where produced.
[3]Includes receipts from marketings and from sales of farm slaughtered meat.

MILK COWS, MILK PRODUCTION AND MILKFAT

Year	Milk Cows on Farms[1]	Production Per Cow Milk	Production Per Cow Milkfat	Milkfat	TOTAL PRODUCTION[2] Milk	TOTAL PRODUCTION[2] Milkfat
	1,000 Head	Pounds		Percent	Mil. Lbs.	
1968	46	7,783	282	3.62	358	13
1969	42	8,000	290	3.62	336	12
1970	39	8,359	303	3.62	326	12
1971	36	9,278	337	3.63	334	12
1972	33	10,121	370	3.66	334	12
1973	30	10,400	376	3.62	312	11
1974	28	10,500	381	3.63	294	11
1975	27	10,296	375	3.64	278	10
1976	26	10,577	380	3.59	275	10
1977	27	10,926	394	3.61	295	11

[1]Average number on farms during year, excluding heifers not yet fresh.
[2]Excludes milk sucked by calves.

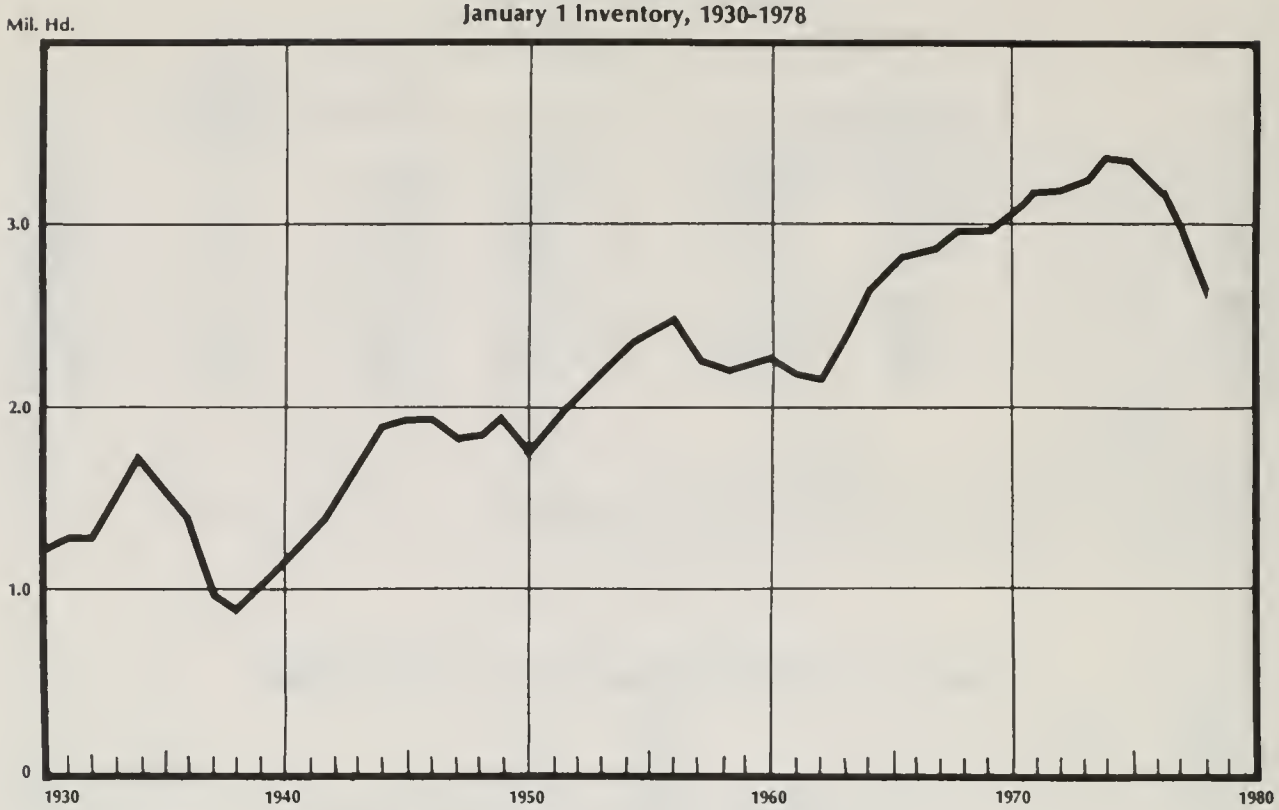
DAIRY PRODUCTS MANUFACTURED

Year	Creamery Butter	Cheese: American Cheddar	Cheese: Cottage Cheese Creamed	Ice Cream	Ice Milk[1]	Sherbert	"Mellorine Type" Frozen Desserts
	1,000 Pounds			1,000 Gallons			
1968	3,043	2,991	4,204	2,012	1,024	125	503
1969	2,655	2,684	4,350	1,854	867	127	491
1970	2,782	3,173	4,465	1,875	889	123	490
1971	2,879	3,996	4,658	1,759	1,039	118	509
1972	3,185	3,885	5,091	2,027	1,058	106	591
1973	2,647	3,480	4,498	1,966	1,046	111	499
1974	2,249	3,489	3,246	2,262	1,064	126	491
1975	2,100	1,933	3,214	2,221	1,200	125	316
1976	1,919	1,844	3,505	1,684	1,156	103	161
1977	2,019	2,467	3,651	1,575	1,331	83	90

[1]Includes low fat ice cream.

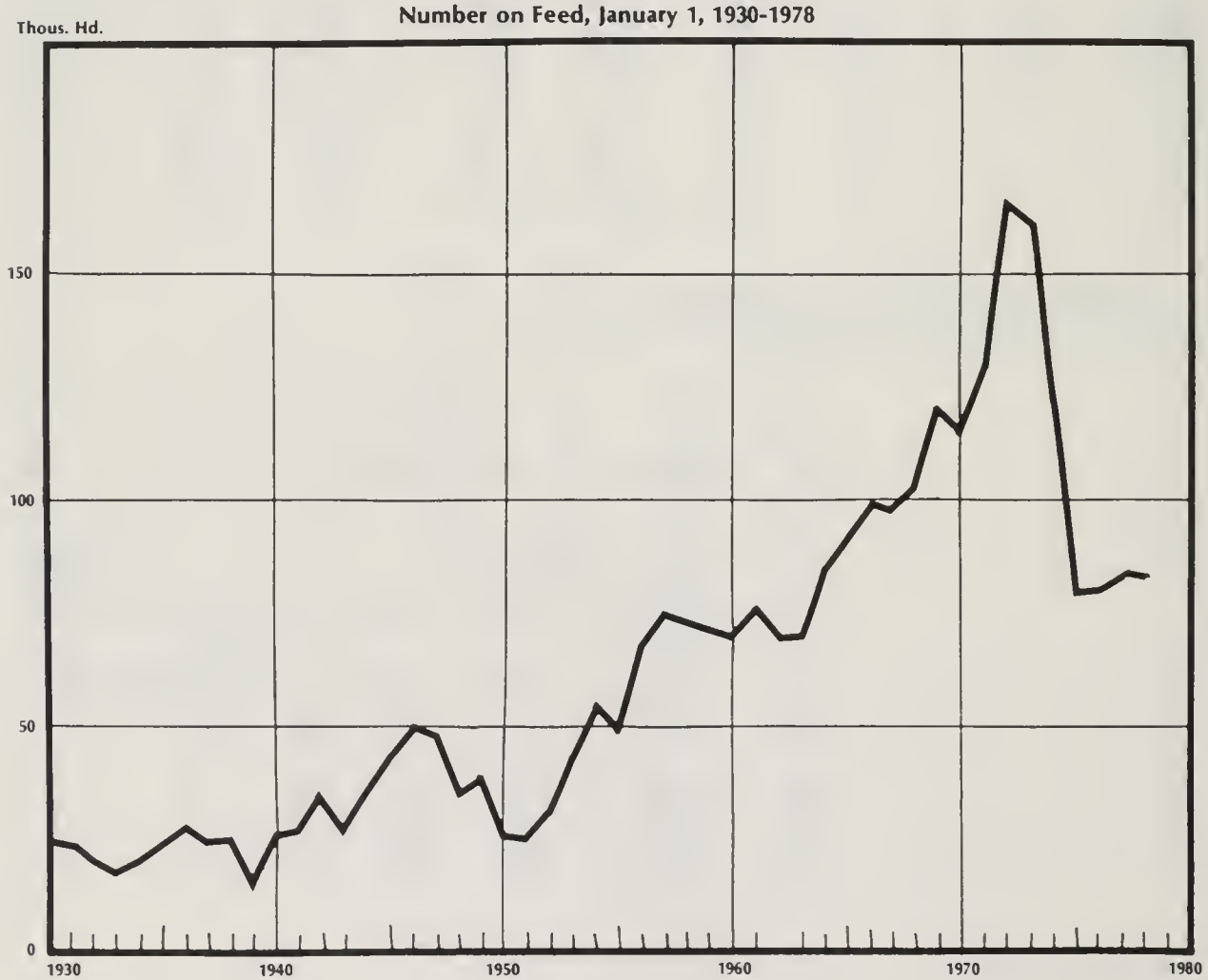
CATTLE AND CALVES

January 1 Inventory, 1930-1978



CATTLE AND CALVES ON FEED

Number on Feed, January 1, 1930-1978



MILK AND CREAM MARKETED

Quantity, Price and Cash Receipts

Year	Milk Sold to Plants and Dealers			Cream Sold to Plants and Dealers			Milk Sold Directly to Consumers		
	Quantity	Price Per 100 Lbs.	Cash Receipts	Quantity Milkfat	Price Per Lb. Fat	Cash Receipts	Quantity	Price Per Quart	Cash Receipts
	Mil. Lbs.	Dols.	1,000 Dols.	1,000 Lbs.	Cents	1,000 Dols.	1,000 Qts.	Cents	1,000 Dols.
1968	256	5.24	13,414	2,220	.68	1,510	3,000	27.4	822
1969	249	5.51	13,720	1,810	.68	1,231	2,326	24.0	558
1970	254	5.65	14,351	1,314	.68	894	2,791	25.0	698
1971	267	5.71	15,246	1,214	.66	801	2,326	25.0	582
1972	278	5.93	16,485	967	.64	619	2,326	31.0	721
1973	257	6.95	17,862	959	.64	614	2,326	28.0	651
1974	252	8.55	21,546	554	.68	377	1,860	34.0	632
1975	239	8.90	21,271	481	.71	342	1,860	34.0	632
1976	242	9.45	22,869	365	.81	296	1,395	35.0	488
1977	264	9.95	26,268	367	.88	323	930	36.0	335

Income and Value of Dairy Products Marketed

Year	Combined Marketings of Milk and Cream				Used for Milk, Cream and Butter on Farms Where Produced		Gross Farm Income from Dairy Products[3]	Farm Value of Milk Produced[4]
	Milk Utilized	Average Returns[1] Per 100 Pounds Milk	Average Returns[1] Per Pound Milkfat	Cash Receipts from Marketings	Milk Utilized	Value[2]		
	Mil. Lbs.	Dollars		1,000 Dols.	Mil. Lbs.	1,000 Dols.	1,000 Dols.	
1968	321	4.90	1.35	15,746	28	1,372	17,118	17,542
1969	303	5.12	1.41	15,509	25	1,280	16,789	17,203
1970	296	5.39	1.49	15,943	22	1,186	17,129	17,571
1971	305	5.45	1.50	16,629	22	1,199	17,828	18,203
1972	309	5.77	1.58	17,825	19	1,096	18,921	19,272
1973	288	6.64	1.83	19,127	16	1,062	20,189	20,717
1974	271	8.32	2.29	22,555	15	1,248	23,803	24,461
1975	256	8.69	2.39	22,245	14	1,217	23,462	24,158
1976	255	9.28	2.58	23,653	13	1,206	24,859	25,520
1977	276	9.76	2.70	26,926	12	1,171	28,097	28,792

[1]Cash receipts divided by milk or milkfat represented in combined marketings.
[2]Valued at average returns per 100 pounds of milk in combined marketings of milk and cream.
[3]Cash receipts from marketings of milk and cream plus value of milk used for home consumption and farm-churned butter.
[4]Includes value of milk fed to calves.

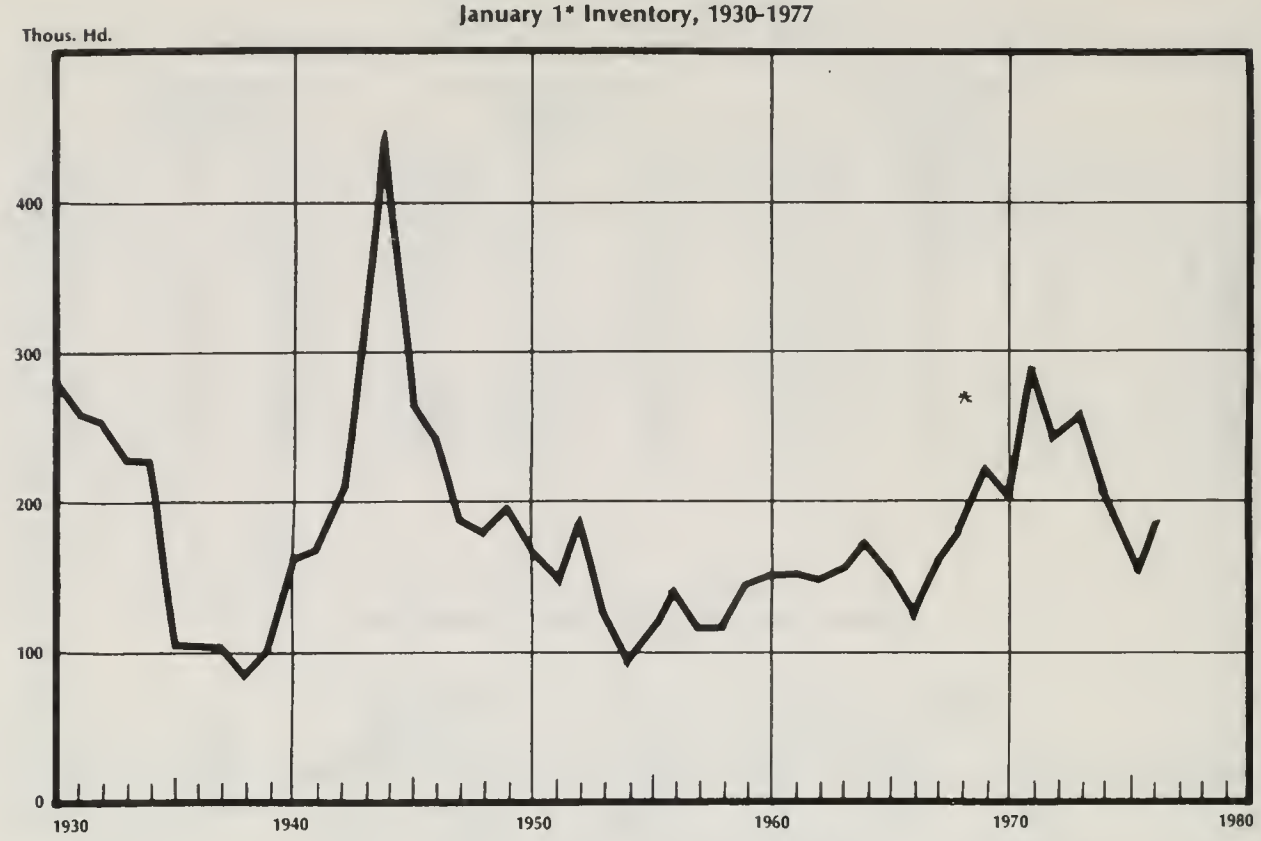
HONEY AND BEESWAX

Production, Price and Value

Year	Colonies of Bees	Honey Yield Per Colony	Production		Price Per Pound		Value of Production	
			Honey	Beeswax	Honey	Beeswax	Honey	Beeswax
	Number	Pounds	1,000 Pounds		Cents		1,000 Dollars	
1968	78,000	85	6,630	133	13.2	66.0	875	88
1969	75,000	125	9,375	178	14.2	61.0	1,331	109
1970	74,000	105	7,770	155	15.6	61.0	1,212	95
1971	74,000	55	4,070	81	21.4	61.0	871	49
1972	74,000	110	8,140	163	30.4	67.0	2,475	109
1973	78,000	101	7,878	158	41.4	73.0	3,261	115
1974	81,000	88	7,128	114	50.1	125.0	3,571	143
1975	80,000	94	7,520	135	47.3	112.0	3,557	151
1976	85,000	112	9,520	162	46.9	108.0	4,465	175
1977	96,000	57	5,472	104	53.9	172.0	2,949	179

HOGS AND PIGS

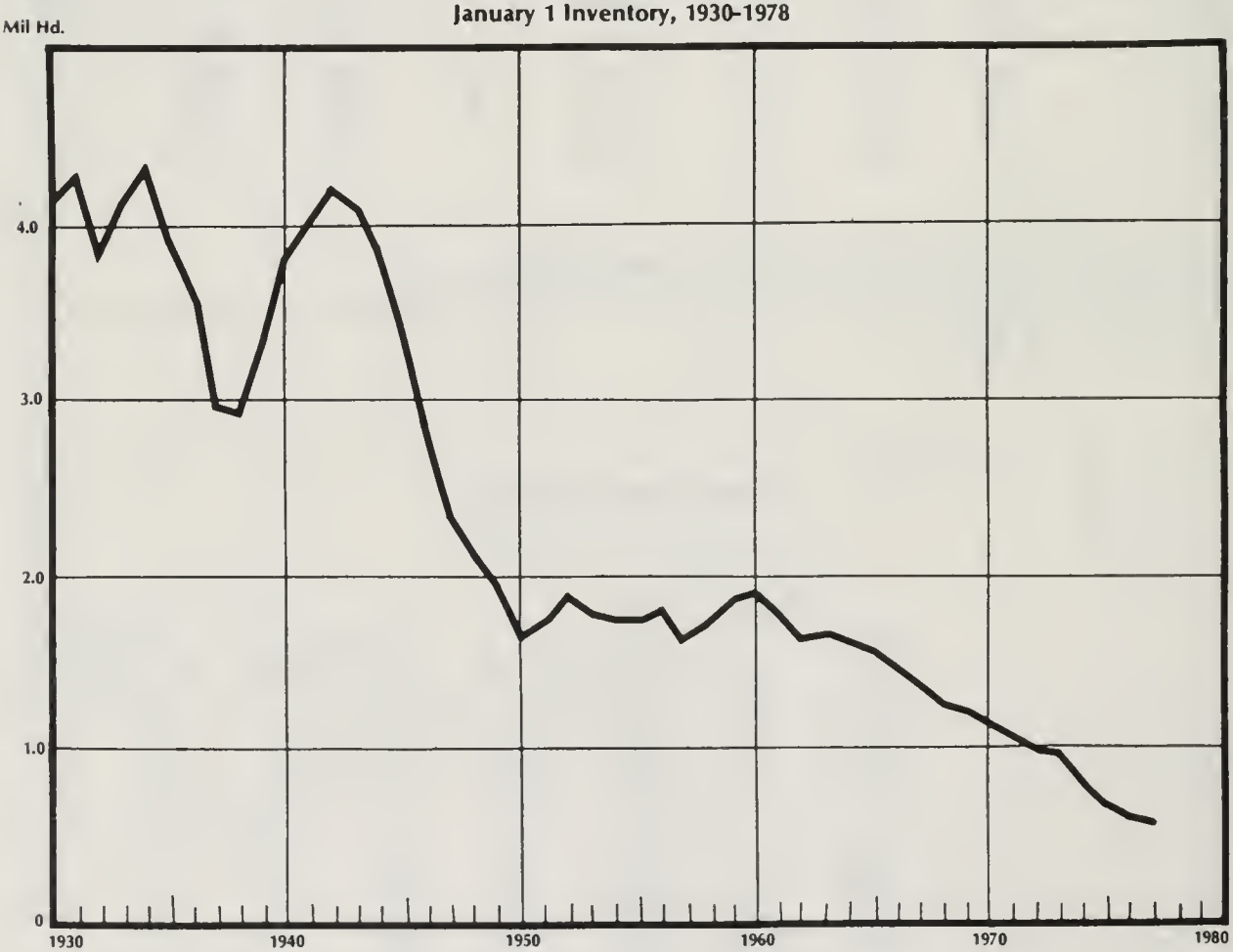
January 1* Inventory, 1930-1977



*Data for 1968 and subsequently relate to December 1.

SHEEP AND LAMBS

January 1 Inventory, 1930-1978



SHEEP, LAMBS AND WOOL

Number, Value per Head, and Classes, January 1

Year	ALL SHEEP & LAMBS					STOCK SHEEP ONE YEAR AND OVER		LAMBS	
	Number	Farm Value Per Head	Farm Value Total	Sheep on Feed	Stock Sheep	Ewes	Wethers & Rams	Ewes	Wethers & Rams
	1,000 Head	Dols.	1,000 Dols.	1,000 Head		1,000 Head		1,000 Head	
1968	1,250	22.20	27,732	110	1,140	852	34	230	24
1969	1,178	25.20	29,680	95	1,083	826	28	208	21
1970	1,113	28.80	32,087	95	1,018	774	28	202	14
1971	1,067	26.50	28,276	100	967	747	28	177	15
1972	1,000	24.00	24,000	100	900	697	23	166	14
1973	880	28.50	25,080	120	760	598	19	132	11
1974	750	34.00	25,500	84	666	524	17	107	18
1975	675	29.50	19,913	90	585	462	20	82	21
1976	595	40.50	24,098	75	520	416	15	72	17
1977	570	45.50	25,935	80	490	371	12	94	13
1978	530	57.00	30,210	60	470	356	13	88	13

Wool Production and Value

Year	Sheep Shorn	Per Fleece	Total	Price Per Lb.	Value
	1,000 Head	Lbs.	1,000 Lbs.	Cts.	1,000 Dols.
1968	1,063	10.1	10,725	45	4,826
1969	1,017	9.7	9,891	45	4,305
1970	933	9.7	9,086	38	3,453
1971	902	9.6	8,657	21	1,818
1972	853	10.0	8,501	35	2,975
1973	706	9.9	6,983	106	7,402
1974	623	10.1	6,309	68	4,290
1975	551	9.6	5,280	51	2,693
1976	493	9.6	4,749	73	3,467
1977	460	9.7	4,462	75	3,347
1978[2]	429	9.9	4,226		

Lamb Crop and Disposition

Year	LAMBS SAVED	IN-SHIPMENTS	MARKETINGS[3]		FARM SLAUGHTER[4]	DEATHS	
		Sheep & Lambs	Sheep	Lambs	Sheep & Lambs	Sheep	Lambs
			1,000 Head				
1968	809	64	205	535	4	91	110
1969	760	63	123	470	5	165	125
1970	743	46	164	461	3	90	117
1971	740	48	174	471	5	90	115
1972	711	30	186	458	4	96	117
1973	604	28	140	406	4	85	127
1974	550	29	111	339	4	80	118
1975	471	30	98	264	4	75	140
1976	420	40	72	239	4	70	100
1977	375	18	59	210	3	65	96

Production and Income from Sheep and Lambs

Year	Production[5]	Marketings[6]	Price per 100 Lbs.		Cash Receipts[7]	Value of Home Consumption	Gross Income
			Sheep	Lambs			
	1,000 Pounds		Dollars		1,000 Dollars		
1968	61,671	72,659	6.30	23.80	12,808	94	12,902
1969	46,583	58,184	7.30	27.50	12,870	162	13,032
1970	53,958	61,975	6.80	26.10	12,219	78	12,297
1971	54,888	63,460	5.50	24.00	11,142	139	11,281
1972	45,031	66,266	6.10	27.90	13,217	118	13,335
1973	38,153	35,553	11.80	34.00	14,568	156	14,724
1974	35,019	45,895	11.80	34.40	12,301	158	12,459
1975	25,425	37,338	8.70	40.10	10,695	178	10,873
1976	24,428	31,447	9.90	43.80	10,381	208	10,589
1977	22,163	27,464	11.50	50.70	10,718	147	10,865

[2]Other data not available at time of publication.
[3]Excludes interfarm sales. Includes animals custom slaughtered in commercial establishments for use on farms where produced.
[4]Excludes animals custom slaughtered in commercial establishments for farmers.
[5]Adjustments made for inshipments and changes in inventory.
[6]Excludes interfarm sales and custom slaughter in commercial establishments for use on farms where produced.
[7]Includes receipts from marketings and from sales of farm slaughtered meat.

HOGS AND PIGS

Number, Value Per Head, Total Value, December 1

Year	NUMBER, VALUE PER HEAD AND TOTAL VALUE			NUMBER BY CLASSES	
		Farm Value			
	Number	Per Head	Total	Breeding	Marketing
	1,000 Head	Dols.	1,000 Dols.	1,000 Head	
1968	185	28.30	5,236	31	154
1969	217	36.60	7,942	37	180
1970	200	24.50	4,900	32	168
1971	285	25.00	7,125	34	251
1972	245	38.50	9,433	36	209
1973	262	53.50	14,017	32	230
1974	204	45.00	9,180	28	176
1975	165	70.50	11,633	27	138
1976	186	45.00	8,370	28	158
1977	211	57.00	12,027	30	181

Pig Crops and Disposition

Year	PIG CROPS		IN-SHIPMENTS	MARKETINGS[1]	FARM SLAUGHTER[2]	DEATHS
	Spring	Fall	1,000 Head			
1968	156	150	22	284	11	18
1969	163	156	25	286	10	16
1970	152	146	25	306	12	22
1971	225	205	25	340	10	20
1972	168	180	15	373	10	20
1973	165	192	20	331	10	19
1974	143	158	64	391	13	19
1975	111	122	37	286	11	12
1976	126	117	71	270	8	15
1977	143	144	42	285	8	11

Production and Income from Hogs and Pigs

Year	Production[3]	Marketings[4]	Price Per 100 Pounds	Cash Receipts[5]	Value of Home Consumption	Gross Income
	1,000 Pounds		Dollars	1,000 Dollars	1,000 Dollars	
1968	68,974	64,660	18.40	11,897	638	12,535
1969	72,285	65,635	21.40	14,046	805	14,851
1970	71,573	70,078	22.40	15,697	1,075	16,772
1971	90,209	77,409	17.10	13,237	796	14,033
1972	86,884	85,335	23.40	19,968	1,376	21,344
1973	82,918	77,972	36.70	28,616	2,158	30,774
1974	84,665	87,539	32.80	28,713	2,089	30,802
1975	61,735	63,759	44.50	28,373	2,099	30,472
1976	63,354	60,160	42.80	25,748	1,678	27,426
1977	67,741	64,198	37.50	24,074	1,250	25,324

[1]Includes animals custom slaughtered in commercial establishments for use on farms where produced.
[2]Excludes animals custom slaughtered in commercial establishments for farmers.
[3]Adjustments made for inshipments and changes in inventory.
[4]Excludes interfarm sales and custom slaughter in commercial establishments for use on farms where produced.
[5]Includes receipts from marketings and from sales of farm slaughtered meat.

CHICKENS

Number, Value per Bird, and Total Value, December 1

Year	Numbers	Farm Value	
		Per Bird	Total
	1,000 Birds	Dollars	1,000 Dols.
1969	1,095	1.30	1,424
1970	1,173	1.25	1,466
1971	1,154	1.40	1,616
1972	1,180	1.35	1,593
1973	1,190	1.80	2,142
1974	1,025	1.70	1,743
1975	1,020	1.70	1,734
1976	1,005	1.90	1,910
1977	985	1.95	1,921

Production and Income from Chickens

Year	Produced	Sold	Price Per Pound	Cash Receipts	Gross Income
	1,000 Pounds		Cents	1,000 Dollars	
1968	3,621	2,554	10.5	268	376
1969	3,385	2,670	10.5	280	380
1970	3,428	2,460	8.0	197	264
1971	3,892	3,160	5.0	158	197
1972	3,863	3,216	6.0	193	236
1973	4,072	3,200	10.5	336	412
1974	3,710	3,620	7.0	253	303
1975	4,036	3,320	5.5	183	222
1976	3,399	2,920	8.0	234	288
1977	3,174	2,580	8.0	206	259

Farm Production, Disposition and Income from Eggs

Year	Layers[2]	Per Layer	Egg Production	Consumed in Household	Sold	Per Dozen	Cash Receipts	Gross Income
	1,000	Number	Millions			Cents	1,000 Dollars	
1968	907	214	194	18	176	36.1	5,295	5,836
1969	923	218	201	15	186	44.2	6,851	7,403
1970[1]	964	217	209	13	196	45.8	7,481	7,977
1971	994	222	221	10	211	36.3	6,383	6,686
1972	942	230	217	10	207	36.8	6,348	6,655
1973	933	230	215	9	206	57.8	9,922	10,356
1974	884	230	203	8	195	58.5	9,506	9,896
1975	844	236	199	8	191	55.4	8,818	9,187
1976	794	233	185	8	177	59.0	8,703	9,096
1977	756	231	175	8	167	57.0	7,933	8,313

[1]Beginning 1970, data relate to the 12 month period beginning with December 1 of the previous year through November of the current year.
[2]Average number of layers on hand during the year.

COMMERCIAL LIVESTOCK SLAUGHTER[1]

Number of Head by Classes, by years, 1968-1977[1]

Year	Cattle and Calves	Hogs and Pigs	Sheep and Lambs
	1,000 Head	1,000 Head	1,000 Head
1968	191.8	359.5	2.9
1969	198.4	327.9	1.9
1970	208.6	346.6	2.1
1971	208.2	412.0	2.2
1972	210.2	354.7	2.4
1973	188.6	350.6	2.7
1974	185.5	572.0	2.3
1975	153.1	308.0	2.6
1976	155.8	457.2	2.4
1977	172.0	478.3	2.1

Total Red Meat Production[1] by Months, 1968-1977

Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
	Millions of Pounds												
1968	14	13	13	12	13	12	12	13	13	14	13	12	154
1969	14	12	12	13	12	14	14	14	15	16	14	14	165
1970	16	13	14	12	14	15	15	14	16	16	15	14	175
1971	12	12	16	15	15	16	16	14	17	17	18	16	184
1972	15	15	17	13	14	16	14	16	14	16	16	13	180
1973	15	11	14	11	13	12	15	16	12	15	17	15	168
1974	18	14	15	15	17	17	19	17	15	16	15	14	193
1975	14	12	9	11	10	12	12	11	8	8	12	14	134
1976	13	9	11	11	10	12	13	13	15	16	16	16	155
1977	16	13	16	14	13	14	13	14	14	15	14	13	169

Number of Head Slaughtered by Months and Classes

Month	Cattle and Calves			Hogs and Pigs			Sheep and Lambs		
	1975	1976	1977	1975	1976	1977	1975	1976	1977
	1,000 Head			1,000 Head			1,000 Head		
January	17.1	15.0	15.7	30.5	30.0	47.2	.3	.1	.1
February	12.5	10.3	13.6	23.0	24.7	47.6	.1	.1	.1
March	10.2	10.6	13.5	21.9	38.0	49.5	.1	.1	.1
April	11.6	9.5	12.3	27.5	37.5	44.1	.1	.1	.1
May	10.8	9.6	14.7	26.0	32.0	33.7	.1	.1	.1
June	14.7	13.1	15.7	25.5	34.5	35.9	.1	.1	.1
July	16.0	13.9	14.1	24.2	31.5	29.9	.2	.2	.1
August	13.9	12.9	14.2	24.5	38.0	37.6	.5	.6	.5
September	7.7	13.8	13.2	28.5	45.0	38.1	.4	.4	.3
October	7.4	15.4	14.5	26.5	49.0	42.1	.3	.3	.2
November	14.5	15.4	15.6	22.4	51.5	37.4	.2	.2	.2
December	16.7	16.3	15.0	27.5	45.5	35.2	.2	.1	.1
Total	153.1	155.8	172.0[2]	308.0	457.2	478.3	2.6	2.4	2.1[2]

[1]Includes slaughter in Federally inspected and other slaughter plants but excludes animals slaughtered on farms.
[2]May not add because of rounding.

CATTLE AND CALVES ON FEED — 1969-78

Number, Weight Groups and Classes

Year and Month	Total Cattle & Calves on Feed	Number on Feed by Weight Groups					Number on Feed By Classes		
		Under 500 Lbs.	500-699 Lbs.	700-899 Lbs.	900-1099 Lbs.	1100 Lbs. & Over	Steers & Steer Calves	Heifers & Heifer Calves	Cows & Other
January 1	Thousand Head								
1969	120	20	28	41	29	2	65	50	5
1970	115	21	27	39	23	5	75	36	4
1971	130	25	31	39	27	8	81	41	8
1972	165	29	36	33	57	10	115	46	4
1973	160	21	68	38	27	6	109	49	2
1974	122	10	28	34	42	8	82	34	6
1975	79	10	17	25	22	5	39	36	4
1976	80	5	22	23	28	2	40	39	1
1977	83	--	25	26	26	6	51	31	1
1978	81	6	34	20	17	4	40	38	3
April 1									
1969	81	4	29	22	24	2	43	37	1
1970	87	3	38	27	14	5	51	34	2
1971	120	3	50	36	27	4	75	44	1
1972	150	5	58	44	17	26	111	38	1
1973	140	7	49	52	26	6	94	45	1
1974	114	--	30	42	25	17	79	33	2
1975	62	--	18	27	13	4	32	29	1
1976	63	--	22	29	10	2	30	32	1
1977	75	--	23	31	18	3	35	38	2
1978	60	1	26	23	8	2	24	35	1
July 1									
1969	74	--	15	32	23	4	39	34	1
1970	73	--	12	39	21	1	44	28	1
1971	100	--	12	46	38	4	57	42	1
1972	130	--	18	57	42	13	79	48	3
1973	122	2	14	46	44	16	80	40	2
1974	102	--	11	39	46	6	62	39	1
1975	60	--	6	28	23	3	26	33	1
1976	52	--	10	22	19	1	22	29	1
1977	62	--	5	28	26	3	28	33	1
1978	52	--	5	29	17	1	22	29	1
October 1									
1969	74	2	16	33	21	2	43	30	1
1970	74	1	9	36	21	7	49	24	1
1971	95	3	15	37	35	5	55	39	1
1972	105	7	20	30	34	14	77	27	1
1973	83	6	16	20	28	13	61	21	1
1974	65	2	2	18	29	14	43	21	1
1975	44	--	6	17	19	2	20	23	1
1976	42	--	7	14	18	2	22	19	1
1977	40	1	9	18	10	2	16	23	1

Number Marketed and Placements by Quarters

Year	Marketed for Slaughter[1]					Placed on Feed				
	Jan. 1-March 31	April-June 30	July 1-Sept. 30	Oct. 1-Dec. 31	Total	Jan. 1-March 31	April 1-June 30	July 1-Sept. 30	Oct. 1-Dec. 31	Total
	Thousand Head									
1969	65	37	40	34	176	26	30	41	75	172
1970	67	35	40	42	184	39	21	41	98	199
1971	65	58	62	50	235	55	38	57	120	270
1972	55	60	72	60	247	40	40	47	115	242
1973	54	55	69	37	215	34	37	30	76	177
1974	34	54	50	49	187	35	50	19	66	170
1975	40	33	35	24	132	28	35	20	61	144
1976	24	26	33	21	104	31	18	23	63	135
1977	35	38	45	16	134	28	27	25	59	139
1978	43	20				36	15			

[1]Includes cattle placed on feed and marketed during the same quarter.

FEEDLOTS AND CATTLE ON FEED BY COUNTIES

January 1, 1977 and 1978

COUNTY[1] & DISTRICT	1977		1978	
	Feedlots	Cattle on Feed	Feedlots	Cattle on Feed
	Number		Number	
Flathead	4	1,600	3	1,400
Lake & Ravalli	6	200	5	300
Missoula & Sanders	4	300	4	300
N. WEST	**14**	**2,100**	**12**	**2,000**
Blaine	4	200	5	1,500
Chouteau, Hill & Toole	8	1,000	5	4,800
Glacier, Liberty & Teton	4	100	3	1,700
Phillips & Pondera	3	300	--	--
N. CENTRAL	**19**	**1,600**	**13**	**8,000**
Richland	13	9,200	11	8,000
Dawson, Roosevelt & Sheridan	6	700	4	800
N. EAST	**19**	**9,900**	**15**	**8,800**
Golden Valley, Lewis & Clark & Musselshell	4	3,400	6	2,700
Cascade, Fergus & Petroleum	12	17,800	7	10,900
Judith Basin	4	2,200	3	2,900
CENTRAL	**20**	**23,400**	**16**	**16,500**
Beaverhead & Gallatin	7	5,200	6	2,200
Big Horn & Treasure	5	1,100	5	1,500
Carbon	4	6,400	6	8,600
Stillwater	5	5,500	4	7,000
Yellowstone	19	26,800	18	21,900
S. WEST & S. CENTRAL	**40**	**45,000**	**39**	**41,200**
Custer, Powder River, Prairie & Rosebud	7	1,000	6	4,500
S. EAST	**7**	**1,000**	**6**	**4,500**
STATE	**119**	**83,000**	**101**	**81,000**

[1]Some counties combined to avoid disclosing individual operators.

NUMBER OF CATTLE FEEDLOTS

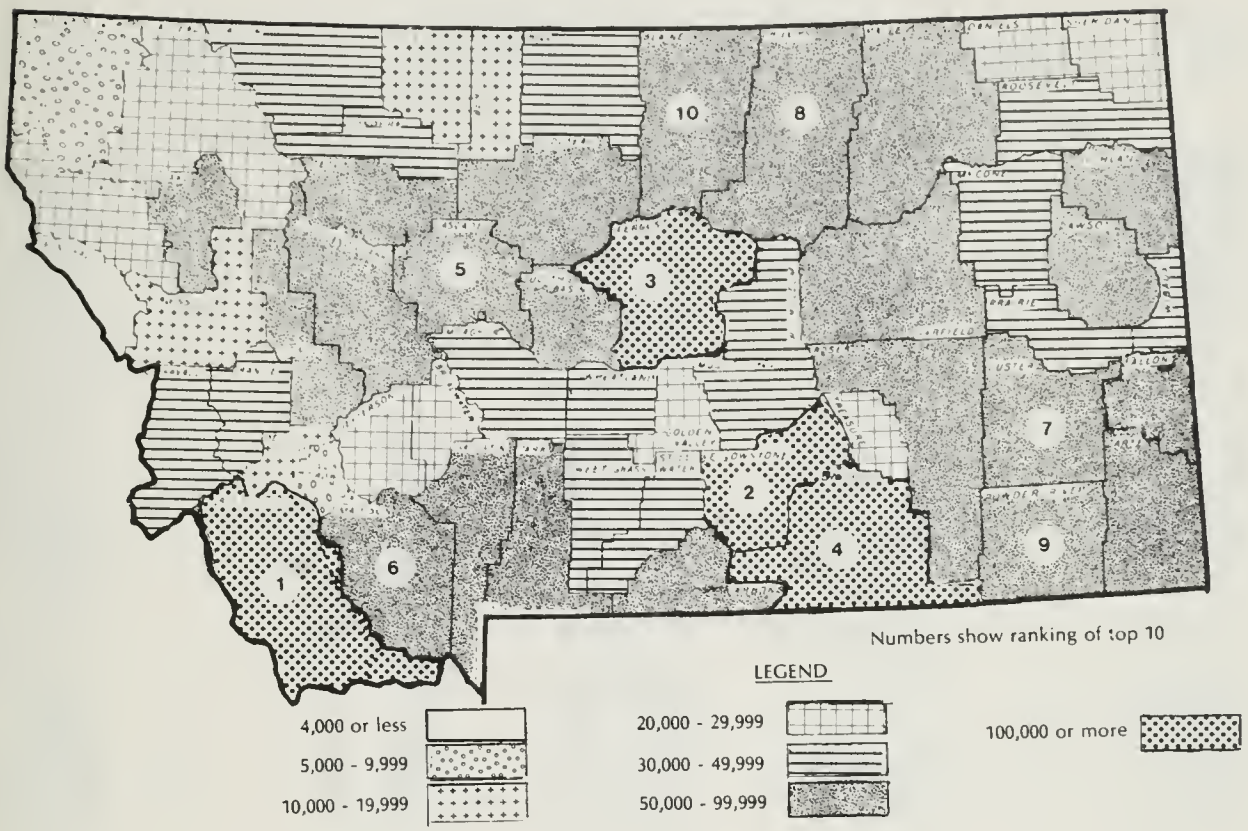
By Size of Feedlot Capacity, 1968-1977[1]

Year	Total Number of Feedlots	Feedlots by Capacity				
		Under 1,000 Head	1,000-1,999	2,000-3,999	4,000-7,999	8,000 & over
	Number					
1968	500	459	21	12	6	2
1969	470	415	31	14	8	2
1970	501	424	39	21	13	4
1971	473	387	46	22	16	2
1972	389	317	36	17	14	5
1973	305	236	31	20	11	7
1974	276	211	26	21	12	6
1975	152	102	13	19	13	5
1976	119	70	15	16	13	5
1977	101	61	8	13	15	4

[1]Number of feedlots with 1,000 head or more capacity is number of lots operating anytime during year. Number under 1,000 head capacity and total number of feedlots is number at end of year.

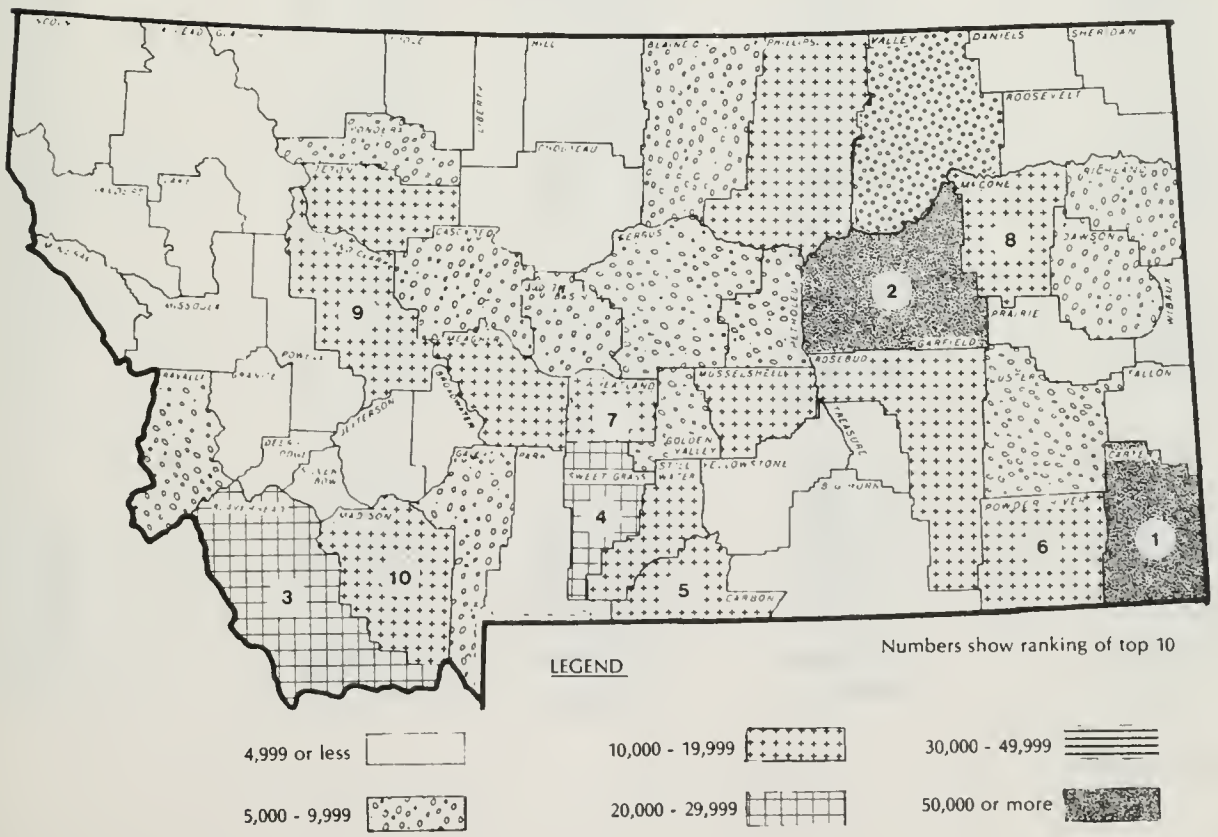
CATTLE AND CALVES

Number of Head, January 1, 1977



STOCK SHEEP AND LAMBS

Number of Head, January 1, 1977



LIVESTOCK

Inventory by Counties, January 1, 1976-77

COUNTY & DISTRICT	All Cattle and Calves		Milk Cows and Heifers that have Calved	
	1976	1977	1976	1977
	Number of Head		Number of Head	
Deer Lodge	12,500	13,500	•	•
Flathead	27,900	23,600	1,700	1,700
Granite	31,900	32,400	100	100
Lake	73,000	64,600	3,400	3,100
Lincoln	7,300	7,100	100	100
Mineral	1,900	1,600	•	•
Missoula	19,500	16,700	400	500
Powell	50,600	51,200	100	100
Ravalli	55,100	47,200	2,900	3,300
Sanders	23,300	22,100	100	200
N. WEST	**303,000**	**280,000**	**8,800**	**9,100**
Blaine	89,200	82,700	500	400
Chouteau	65,400	59,100	100	200
Glacier	42,700	42,400	•	•
Hill	34,900	30,300	300	400
Liberty	17,700	14,900	100	100
Phillips	99,000	90,100	200	100
Pondera	32,900	34,000	400	500
Teton	62,500	54,600	1,000	1,100
Toole	20,700	18,900	200	200
N. CENTRAL	**465,000**	**427,000**	**2,800**	**3,000**
Daniels	25,500	23,000	•	•
Dawson	55,400	52,500	400	300
Garfield	78,100	69,100	100	200
McCone	52,600	48,100	300	200
Richland	75,800	67,200	200	200
Roosevelt	45,200	39,500	100	100
Sheridan	31,600	29,400	100	100
Valley	86,800	80,200	100	200
N. EAST	**451,000**	**409,000**	**1,300**	**1,300**
Broadwater	23,900	26,200	100	100
Cascade	96,100	99,300	1,300	1,100
Fergus	124,000	124,100	500	600
Golden Valley	24,800	27,300	•	•
Judith Basin	65,200	62,900	200	200
Lewis & Clark	51,200	50,300	600	800
Meagher	46,900	48,600	100	100
Musselshell	42,400	48,200	100	100
Petroleum	34,200	32,000	•	•
Wheatland	38,300	36,100	200	200
CENTRAL	**547,000**	**555,000**	**3,100**	**3,200**
Beaverhead	202,200	182,400	100	100
Gallatin	70,600	74,400	4,200	4,500
Jefferson	25,500	24,000	300	300
Madison	99,000	93,300	100	100
Silver Bow	8,700	7,900	100	•
S. WEST	**406,000**	**382,000**	**4,800**	**5,000**
Big Horn	128,600	111,400	100	100
Carbon	63,600	65,000	500	500
Park	60,000	54,100	400	400
Stillwater	56,000	49,700	300	500
Sweet Grass	46,400	43,800	300	300
Treasure	26,400	24,900	•	•
Yellowstone	133,000	138,100	2,300	2,300
S. CENTRAL	**514,000**	**487,000**	**3,900**	**4,100**
Carter	74,200	68,700	100	100
Custer	94,700	90,500	500	400
Fallon	44,000	43,200	100	100
Powder River	82,500	84,000	100	100
Prairie	46,700	40,800	200	200
Rosebud	91,800	82,400	200	200
Wibaux	30,100	30,400	100	200
S. EAST	**464,000**	**440,000**	**1,300**	**1,300**
STATE	**3,150,000**	**2,980,000**	**26,000**	**27,000**

•Less than 50 head

LIVESTOCK

Inventory by Counties, January 1, 1976-77

COUNTY & DISTRICT	Beef Cows and Heifers that have Calved		Stock Sheep and Lambs	
	1976	1977	1976	1977
	Number of Head		Number of Head	
Deer Lodge	6,200	6,700	500	300
Flathead	13,700	11,800	1,400	1,300
Granite	16,000	17,400	1,100	1,000
Lake	39,200	36,000	3,500	2,600
Lincoln	4,200	4,400	300	300
Mineral	800	800	300	200
Missoula	8,600	8,300	900	600
Powell	25,600	27,000	3,000	2,700
Ravalli	27,900	24,900	7,900	7,100
Sanders	13,000	12,800	1,100	900
N. WEST	**155,200**	**150,100**	**20,000**	**17,000**
Blaine	48,900	46,900	7,200	5,800
Chouteau	33,400	32,700	1,400	1,200
Glacier	25,200	24,600	3,700	2,900
Hill	19,500	18,000	700	800
Liberty	8,900	8,600	1,000	500
Phillips	55,200	48,700	11,400	10,600
Pondera	18,400	17,500	5,600	5,100
Teton	33,000	31,700	11,800	11,400
Toole	12,200	11,000	4,200	3,700
N. CENTRAL	**254,700**	**239,700**	**47,000**	**42,000**
Daniels	15,000	14,000	3,700	3,300
Dawson	29,900	28,900	4,900	5,100
Garfield	44,200	40,100	57,800	57,300
McCone	29,200	27,900	16,000	14,700
Richland	35,000	30,900	7,800	6,200
Roosevelt	23,000	22,200	2,200	2,400
Sheridan	18,300	17,800	1,500	1,400
Valley	50,100	47,000	7,100	6,600
N. EAST	**244,700**	**228,800**	**101,000**	**97,000**
Broadwater	12,700	15,300	5,400	4,700
Cascade	45,100	46,400	10,500	9,500
Fergus	70,000	68,000	9,700	9,800
Golden Valley	13,900	15,400	7,200	6,400
Judith Basin	34,900	32,400	5,600	6,100
Lewis & Clark	25,900	23,800	13,100	12,400
Meagher	23,600	23,500	9,600	10,900
Musselshell	20,500	23,900	11,400	11,100
Petroleum	16,800	16,000	6,000	6,000
Wheatland	18,900	18,100	16,500	17,100
CENTRAL	**282,300**	**282,800**	**95,000**	**94,000**
Beaverhead	82,700	76,100	30,800	24,500
Gallatin	33,000	31,800	7,000	6,100
Jefferson	13,800	13,800	900	900
Madison	54,700	55,800	12,200	12,400
Silver Bow	4,500	3,500	100	100
S. WEST	**188,700**	**181,000**	**51,000**	**44,000**
Big Horn	64,700	61,200	2,200	2,100
Carbon	33,100	32,700	17,800	18,600
Park	32,500	30,500	4,300	3,500
Stillwater	30,900	28,200	11,900	11,900
Sweet Grass	28,900	26,100	21,000	20,500
Treasure	15,700	13,400	700	500
Yellowstone	39,600	39,400	5,100	4,600
S. CENTRAL	**245,400**	**231,500**	**63,000**	**61,700**
Carter	37,800	38,700	92,400	90,000
Custer	42,200	41,200	7,300	6,700
Fallon	26,300	25,700	3,400	3,500
Powder River	45,600	44,300	20,600	17,700
Prairie	24,500	23,400	4,400	3,000
Rosebud	51,300	46,400	12,900	11,500
Wibaux	15,300	15,400	2,000	1,900
S. EAST	**243,000**	**235,100**	**143,000**	**134,300**
STATE	**1,614,000**	**1,549,000**	**520,000**	**490,000**

LIVESTOCK

Inventory by Counties, December 1, 1975-76

COUNTY & DISTRICT	Hogs and Pigs		Chickens	
	1975	1976	1975	1976
	Number of Head		Number of Head	
Deer Lodge	1,200	1,200	1,000	800
Flathead	9,500	8,800	7,000	5,000
Granite	400	400	300	300
Lake	3,400	3,400	28,700	29,300
Lincoln	800	800	1,000	900
Mineral	100	400	200	200
Missoula	400	500	1,900	1,600
Powell	1,500	1,600	500	500
Ravalli	2,500	2,700	126,900	144,100
Sanders	200	200	2,500	2,300
N. WEST	**20,000**	**20,000**	**170,000**	**185,000**
Blaine	5,700	7,000	3,200	3,300
Chouteau	4,400	5,000	4,200	4,200
Glacier	5,400	5,200	35,800	24,800
Hill	3,100	3,900	11,800	11,000
Liberty	2,800	3,200	17,100	15,400
Phillips	3,600	3,500	4,800	4,600
Pondera	5,900	5,900	40,300	31,000
Teton	7,300	7,400	54,100	51,900
Toole	4,800	4,900	36,700	38,800
N. CENTRAL	**43,000**	**46,000**	**208,000**	**185,000**
Daniels	4,400	5,600	2,000	1,800
Dawson	2,500	2,500	3,300	3,000
Garfield	1,500	1,600	1,800	1,700
McCone	2,700	3,300	4,200	4,000
Richland	6,800	8,700	7,300	7,000
Roosevelt	6,700	7,300	4,200	4,000
Sheridan	2,100	2,700	4,600	4,200
Valley	7,300	7,300	7,600	7,300
N. EAST	**34,000**	**39,000**	**35,000**	**33,000**
Broadwater	1,200	2,100	104,300	118,900
Cascade	2,600	2,800	35,800	34,000
Fergus	9,300	12,200	9,400	9,000
Golden Valley	500	700	600	600
Judith Basin	2,500	3,000	5,600	5,500
Lewis & Clark	1,800	2,000	29,600	23,500
Meagher	600	700	11,400	15,400
Musselshell	800	1,200	2,000	2,000
Petroleum	400	600	600	600
Wheatland	2,300	2,700	27,700	21,500
CENTRAL	**22,000**	**28,000**	**227,000**	**231,000**
Beaverhead	1,500	1,900	1,400	1,300
Gallatin	5,400	6,300	162,000	153,000
Jefferson	700	800	1,900	1,900
Madison	2,200	2,800	2,200	2,200
Silver Bow	200	200	500	600
S. WEST	**10,000**	**12,000**	**168,000**	**159,000**
Big Horn	2,200	2,700	4,600	4,500
Carbon	3,000	3,700	12,400	9,800
Park	2,800	3,000	2,500	2,100
Stillwater	4,000	5,200	18,100	12,600
Sweet Grass	1,500	1,900	8,200	7,600
Treasure	600	700	400	400
Yellowstone	3,900	4,800	109,800	133,000
S. CENTRAL	**18,000**	**22,000**	**156,000**	**170,000**
Carter	2,400	2,500	2,400	2,300
Custer	2,700	3,000	41,900	29,200
Fallon	6,000	5,700	4,500	3,900
Powder River	800	900	2,200	2,100
Prairie	2,600	3,000	1,200	1,100
Rosebud	1,400	1,600	1,500	1,400
Wibaux	2,100	2,300	2,300	2,000
S. EAST	**18,000**	**19,000**	**56,000**	**42,000**
STATE	**165,000**	**186,000**	**1,020,000**	**1,005,000**

STATISTICAL METHODS

GENERAL

The Montana Crop and Livestock Reporting Service has two primary objectives:

1. To develop accurate, reliable agricultural statistics
2. To move those statistics to users as rapidly as possible

Data collection to achieve these objectives, in most cases, involves sample surveys of farmers and ranchers, grain companies, feed mills, seed dealers, retail stores, and many other agricultural enterprises.

From data reported by these many sources, statisticians, using all available statistical tools, generate State totals forming official USDA estimates. Cooperation of USDA and the Montana Department of Agriculture provides resources for breaking State totals into crop reporting districts and counties.

Montana agricultural statistics are available in two dimensions—State estimates and county or crop reporting district estimates.

STATE ESTIMATES

The U.S. Department of Agriculture is required by law to provide National crop and livestock statistics and statistics for each major producing State.

For many years and to a considerable extent today, mailed non-probability surveys served as the backbone of data gathering. However, probability sampling, a more sophisticated sampling procedure, is being incorporated as funds and applied technology allow. Some types of probability sampling used in Montana are Area Frame Sampling, List Frame Sampling, and Multiple Frame Sampling. Sampling farm operators in a specifically outlined geographic area is known as Area Frame Sampling, while sampling a list of all known producers of a specific commodity is known as List Frame Sampling. A technique called Multiple Frame Sampling takes advantage of the attributes of both the Area and List samples. Area Frame Sampling is used in Montana for a number of acreage and livestock items and Multiple Frame Sampling is used for estimating the cattle inventory and calf crop.

The concept of probability sampling is maintained in all three types of sampling. Data collection therefore involves personal enumeration and telephone or personal followup for all non-respondents to mail questionnaires. These probability surveys are expensive on a per sampling unit basis but yield State results that have greater precision and allow measurement of the sampling error.

The Number 1 grain crop in Montana, wheat, is measured by objective yield procedures. Forecasts before harvest incorporate plant counts, kernel and head counts, and weight. Sample fields are entered with permission of growers, by enumerators in May, June, July, August, and September to take counts and measurements. After harvest, gleaning provides estimated harvesting loss.

COUNTY ESTIMATES

Federal funding and regulations support State estimates for specific agricultural items that are important in National totals. When additional items or geographic descriptions within States are needed, local funding is required. To provide estimates by county for example, requires a much larger sample because each county must have enough reports to provide a statistically sound basis for estimates. Without going into details of statistical requirements and concepts, it is sufficient to point out that if reporting units display the same variation within county as they do within the entire State, then a sample will be required in each county nearly as large as the State sample.

Large mailings are needed to place enough questionnaires in the hands of producers in each county. If response is low in some counties, telephone followup is needed to secure additional reports. Also, information for minor crop acres is secured from informed people in each county—such as county agents, ASCS personnel, etc. County assessments and their change from year to year are a reliable indicator for livestock estimates by counties.

The Montana Department of Agriculture and Wheat Research and Marketing Committee provide funds for local agricultural data.

CHECK DATA

In addition to producer surveys, check data are collected from the marketing channels to verify or supplement the grower survey data. These data become available—usually long after harvest and are used to establish final production and marketing figures.

The final estimate is arrived at when all grower survey data and marketing data (check data such as: handler or processor receipts, slaughter, and market shipments) have been analyzed. These data then become the statistical history against which current forecasts and estimates are viewed.

REPORTS ISSUED

Report	Frequency	Approximate Date of Publication*
General Reports:		
Farm Report (Crop Forecasts)	Monthly	12th of month
Weather, Crops, & Livestock	Weekly	Mondays, April-October
	Monthly	7th of month, Nov.-Mar.
Reports on Crops:		
Winter Wheat Seedings	Annual	December 22
Prospective Plantings	Annual	Jan. 23 and Apr. 16
June Acreage	Annual	July 2
Summary of Small Grains	Annual	December 12
Annual Crop Summary and Value of Production	Annual	January 17
Cherry Forecast	Monthly	12th of month, June & July
Potato Stocks	Monthly	14th of month, Dec.-April
Range and Pasture Condition	Monthly	12th of month, Apr.-Dec.
Stocks of Grains	Quarterly	25th of month, Jan., Apr., June, Oct.
Wheat Movement Summary	Semi-Annually	January and July
Alfalfa Seed	Annual	October 22
Wheat Varieties	Annual	August
Barley Varieties	Annual	July 15
Reports on Livestock, Dairy, Poultry and Livestock Products:		
Poultry (Egg Production, Chick and Poult Hatchings)	Quarterly	21st Mar., June, Sept., Dec.
Livestock Slaughter	Monthly	22nd of following month
Cattle Inventory and Calf Crop	Semi-Annually	February 1 and July 27
Sheep on Feed, January 1	Annual	January 17
Jan. 1 Sheep Inventory and Lamb Crop	Annual	February 1
Lamb Crop	Annual	July 22
Wool Crop	Semi-Annually	July 24 and April 1
Dec. 1 Hog Inventory & Pig Crop	Annual	December 23
Cattle and Calves on Feed	Quarterly	22nd of Jan., Apr., July and October
Honey and Bees	Semi-Annually	January 19 and Sept. 25
Mink	Annual	May 11
Meat Animals, Marketings and Cash Receipts	Annual	April 15
Milk Cows and Milk Production	Quarterly	12th Jan., Apr., July, and Oct.
Price Reports:		
Agricultural Prices	Monthly	30th of month
Farm Income	Semi-Annually	March and September
Miscellaneous Reports:		
Farms and Farm Land	Annual	January 3
Farm Labor	Quarterly	26th of Feb., May, Aug., and November
County Estimates:		
Wheat Estimates by County	Annual	Late winter-early spring
Barley Estimates by County	Annual	Late winter-early spring
Corn Estimates by County	Annual	Late winter-early spring
Cattle on Farms by County	Biennial	
Cattle on Feed by County	Annual	January

*Statistics in the National program are released in Washington, D.C. and locally according to strict predetermined dates. The Montana report is prepared as soon as possible after the National release.

The above reports may be obtained from the Montana Crop and Livestock Reporting Service, P.O. Box 4369, Helena, Montana 59601 (Office — Room 398, 301 So. Park Avenue — Phone 449-5303).

WHY HAVE CROP AND LIVESTOCK REPORTS

A man's judgment is no better than his facts and crop and livestock reports are the basic facts of Agriculture.

They aid farmers in planning their production and marketing which helps to provide an orderly market.

They give producers the same foresight to future price trends that organized dealers possess.

They are the best basis for adjusting supply to demand which is highly essential if maximum price is to prevail.

They eliminate the ill effects of misleading reports that might be circulated for private gain, if there were no official reports.

They reduce the amount of speculation in farm products. Speculation thrives on uncertainty. Unbiased official crop reports reduce uncertainty which limits speculation.

They are a check on fluctuation in price. Uncertainty of supply promotes undue fluctuation in price.

They are the basis for analysis of agriculture and other business conditions.

They give information on surplus and deficit areas of production making possible a more economical distribution of products.

They enable transportation companies to make a better distribution of cars, trucks, barges, etc. for moving farm products.

They aid farm organizations, schools and others in planning constructive programs.

They are a guide to farm resources and for developing new resources such as irrigation, electric power, location of food processing and other factories.

They indicate potential buying power thereby enabling the manufacturer to meet the probable demand. With economical production and distribution, the manufacturer can sell at a lower price than he could with uncertain demand.

They reduce the risk of ownership of buyers of farm products which enables them to do business on a smaller margin. Under the stimulus of competition, they pay producers higher prices than could be paid if uncertainty of production existed.

They are indispensable in times of war because food is as essential as ammunition and weapons of war.

They are essential in enacting wise legislation affecting Agriculture.

They provide an accurate, unbiased picture of Montana agriculture. The facts on present and prospective supplies furnish a sound basis for judgment and action by farmers, other individuals, business men, railroads, crop and livestock interests and governmental agencies.

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